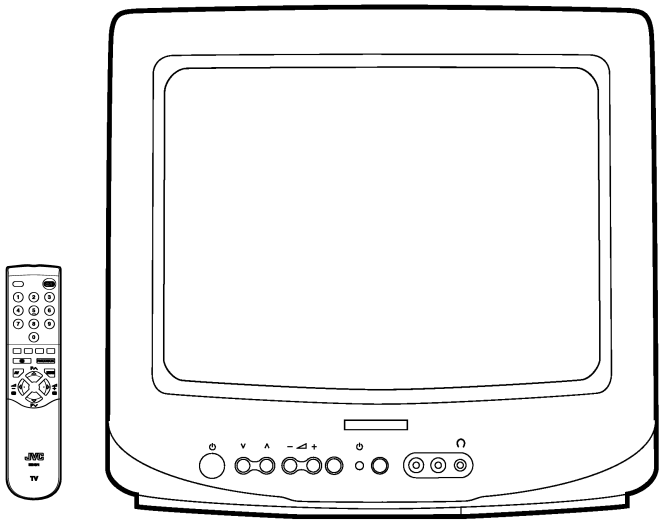
AV-21JT5EU AV-21JT5EBU
AV-14JT5EU AV-14JT5EBU

JVC

SERVICE MANUAL

COLOUR TELEVISION

AV-21JT5EU / AV-21JT5EBU
AV-14JT5EU / AV-14JT5EBU



Please throw it out the service manual for AV-14JT5EU/EBU&AV-21JT5EU/EBU issued in May 2000, and use this service manual (No.51721 Oct. 2000).

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No.51721
Oct 2000

SPECIFICATIONS

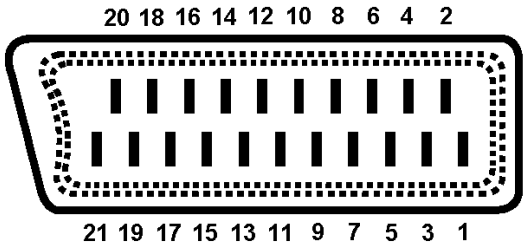
Item	Content	
	AV-21JT5EU / AV-21JT5EBU	**AV-14JT5EU / AV-14JT5EBU**
TV RF SYSTEM	B/G, I, D/K & L/L'	
COLOUR STANDARD	PAL / SECAM / NTSC (AV only)	
POWER INPUT	AC 230V, 50Hz	
POWER CONSUMPTION	73W(max) / 53W (Avg.)	57W(max) / 37W (Avg.)
TELETEXT SYSTEM	FLOF (Fastext) / TOP / WST (standard system)	
SOUND OUTPUT / SPEAKER	3W / 8Ω (×1)	
PICTURE TUBE SIZE	VISIBLE AREA 51cm (measured diagonally)	VISIBLE AREA 34cm (measured diagonally)
ANTENNA INPUT	75Ω Unbalanced	
INPUT / OUTPUT	FRONT : RCA JACK (VIDEO / AUDIO) REAR : 21-PIN EURO CONNECTOR (SCART) (VIDEO / AUDIO / RGB / S. VHS) Input terminals in front and rear side are common	
INTERMEDIATE FREQUENCIES	PIF : 38.9MHz (B/G, D/K, I, L) , 33.9MHz (L') SIF : 33.4MHz (PAL / SECAM – B/G) 32.9MHz (PAL / SECAM – I / I) 32.4MHz (PAL / SECAM – D/K, SECAM – L) 40.4MHz (SECAM – L')	
	SOUND SUBCARRIER : 5.5MHz (PAL / SECAM – B/G) 6.0MHz (PAL / SECAM – I / I) 6.5MHz (PAL / SECAM – D/K, SECAM – L) 6.5MHz (SECAM – L')	
	COLOUR SUBCARRIER : 4.43MHz (PAL) 4.250MHz, 4.406MHz (SECAM)	
REMOTE CONTROL	48B00RMC71 [Batt, AAA (R03)]	
DIMENSIONS (W × H × D)	516mm × 467mm × 476mm	366mm × 338mm × 385mm
MASS	19.5kg	9kg

Design & specifications are subject to change without notice.

■21-pin Euro connector (SCART socket)

Pin No.	Signal Designation	Matching Value
1	Audio Out (linked with 3)	0.5V(rms), Imp<1kΩ (RF 60% MOD)
2	Audio In (linked with 6)	0.5V(rms), Imp>10kΩ
3	Audio Out (linked with 1)	0.5V(rms), Imp<1kΩ (RF 60% MOD)
4	Audio Earth	
5	Blue Earth	
6	Audio In (linked with 2)	0.5V(rms), Imp>10kΩ
7	Blue In	0.7V(p-p) ±3dB, Imp75Ω
8	Slow (Function) Switching	TV : 0-2V, PERI : 9.5-12V, Imp>10kΩ
9	Green Earth	
10	NC	
11	Green In	0.7V(p-p) ±3dB, Imp75Ω
12	NC	
13	Red Earth	
14	NC	
15	Red In, C In	0.7V(p-p) ±3dB, Imp75Ω
16	Rapid (Blanking) switching	Logic 0:0-0.4V, Logic 1:1-3V, Imp 75Ω
17	Video Earth	
18	Rapid Blanking Earth	
19	Video Out	1V(p-p) ±3dB, Imp75Ω
20	Video In , Y In	1V(p-p) ±3dB, Imp75Ω
21	Common Earth	

[Pin assignment]



SAFETY PRECAUTIONS

1. The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

2. Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

4. **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
   Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED(NEUTRAL) : (⏚) side GND and EARTH : (⏚) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.
   If above note will not be kept, a fuse or any parts will be broken.

5. If any repair has been made to the chassis, it is recommended that the +B setting should be checked or adjusted (See +B ADJUSTMENT).

6. The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.

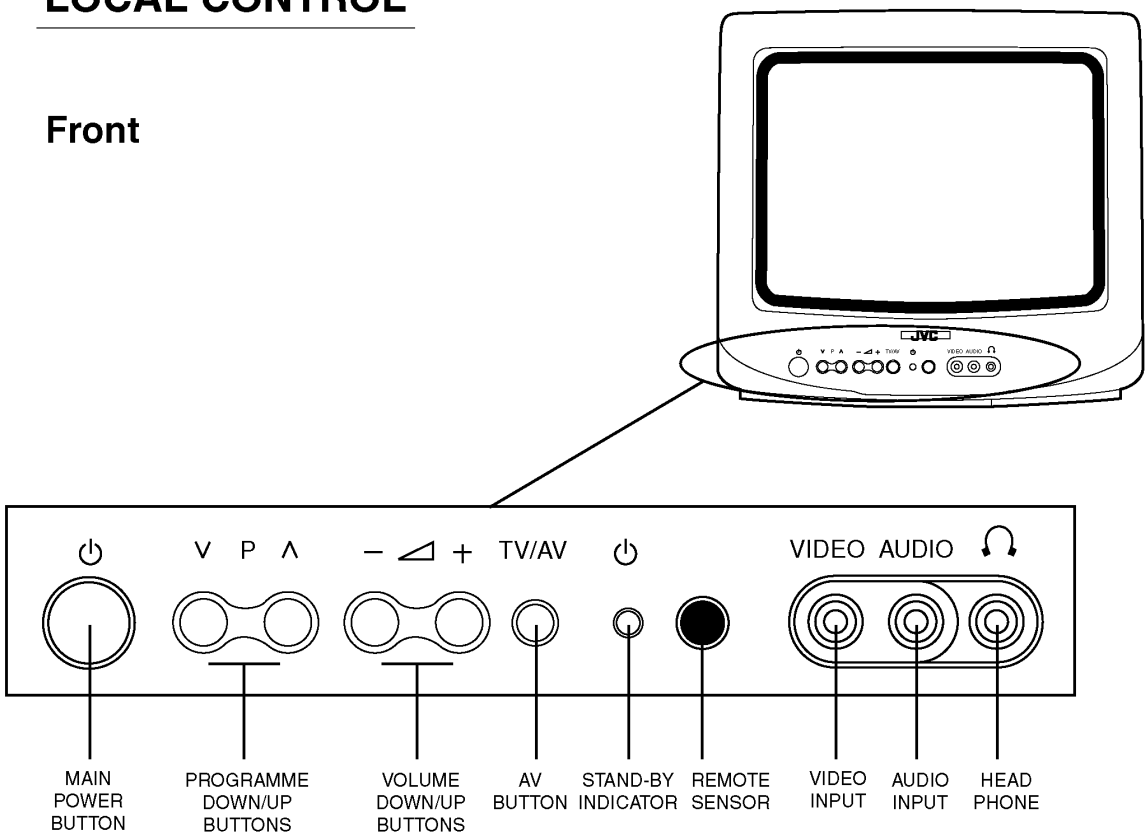
7. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10k Ω 2W resistor to the anode button.

8. When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

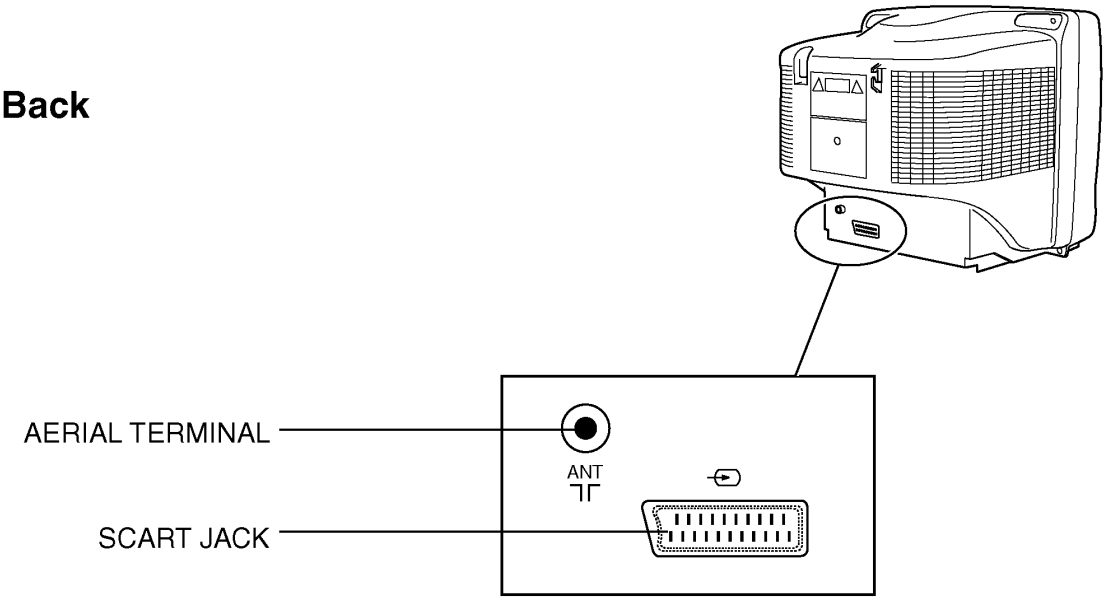
FUNCTIONS

LOCAL CONTROL

Front



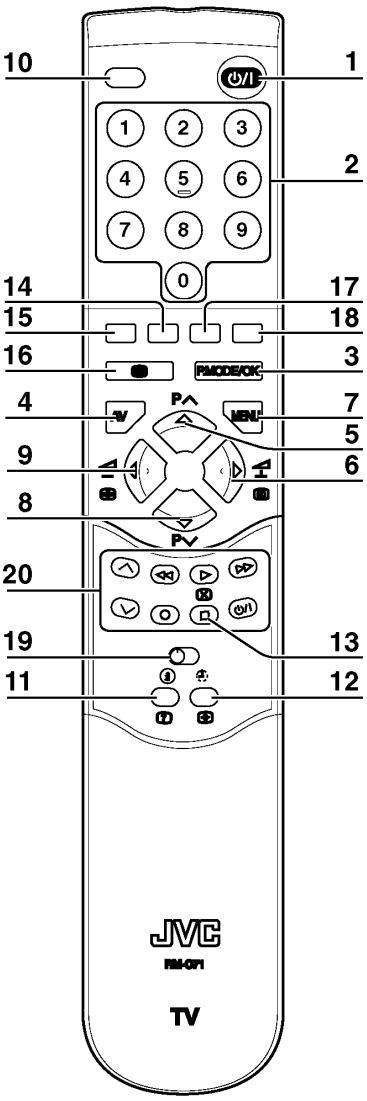
Back



REMOTE CONTROL

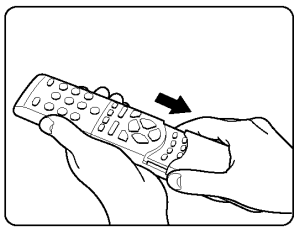
TV mode

1 POWER
2 NUMBER 0-9
3 P. MODE/OK
4 AV
5 (PR/CURSOR) UP
6 VOLUME UP (CURSOR RIGHT)
7 MENU
8 (PR/CURSOR) DOWN
9 VOLUME DOWN (CURSOR LEFT)
10 MUTING
11 RECALL
12 SLEEP
13 Not used
14 MOVE
15 SKIP
16 TV/TEXT
17 DELETE
18 MODE
19 VCR/ ▤ /DVD switch
20 VCR/DVD Control buttons



TELETEXT mode

1 POWER
2 NUMBER 0-9
3 INDEX
4 Not used
5 PAGE UP
6 SUBPAGE
7 MENU
8 PAGE DOWN
9 HOLD
10 MUTE
11 REVEAL
12 SIZE
13 CANCEL
14 GREEN KEY
15 RED KEY
16 TV/TEXT
17 YELLOW KEY
18 CYAN KEY
19 VCR/ ▤ /DVD switch
20 Not used



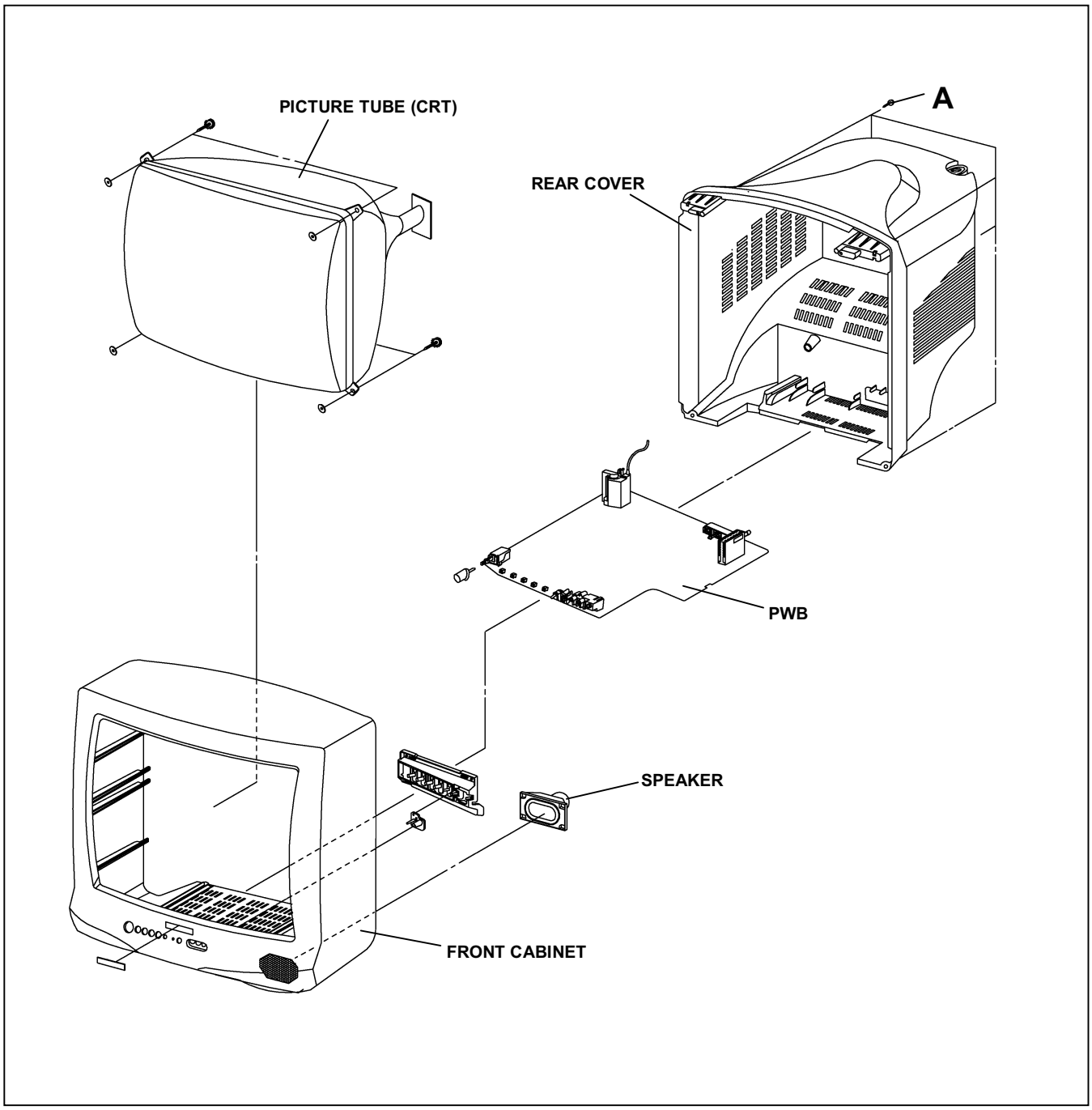
SPECIFIC SERVICE INSTRUCTIONS

DISASSEMBLY PROCEDURE

Note : Before starting work, disconnect the power plug from the outlet.

HOW TO REMOVE THE REAR COVER

1. Remove the 5 screws marked A.
2. Remove the rear cover backward.



MEMORY IC REPLACEMENT

Important: After replacing the memory IC (I702), set the remote controller code.
If the remote controller code is not set to JVC, the set will not operate with a JVC remote controller.

REMOTE CONTROL CODE SETTING (use the PTU94023Bjig remote control unit.)

1.At first, set up Jig remote control unit.
Please refer to the following SETUP OF REMOTE CONTROL UNIT (PTU94023B) AND TRANSFER OF CONTROL CODE.

2.Replace the memory IC.

3.Turn on the power switch. (TV set not remote control Unit.) then, the TV goes to STAND BY.

4.Enter the CUSTOM CODE **[14]** & DATA CODE **[15]** by the Jig remote control unit.
Then, enter the 'Transfer' key (TV will power on.)

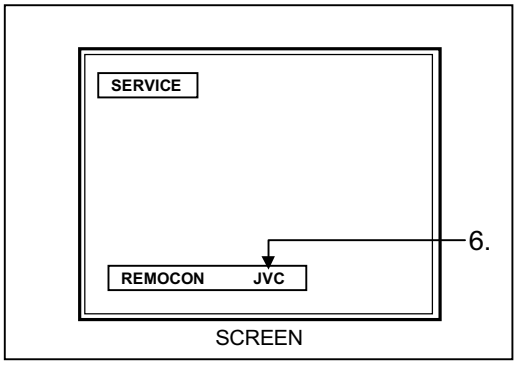


Fig. A

5. Enter the CUSTOM CODE **[14]** & DATA CODE **[74]** .
Then, enter the 'Transfer' key for entering the service mode.
When entering the service mode, **"SERVICE"** or **"SVC v1"** will appear upper left corner.(Fig A / Fig.B)

6. Enter the CUSTOM CODE **[14]** & DATA CODE **[22]** then, enter the 'Transfer' key.
"REMOCON" menu (lower right corner) changes from DW to JVC.
So that the remote control code will be set JVC.

NOTE: If the "REMOCON" menu sets DW or AIWA, the TV will set the other codes.
So, it must set "JVC".

7.Enter the CUSTOM CODE **[14]** & DATA CODE **[22]** then enter the 'Transfer' key. (TV power will shut off.)

JVC remote control unit will work when finish all above procedures.
*When shuts off TV on AIWA status, TV will never work on JVC mode. In this case, it must be exchange the memory IC again.

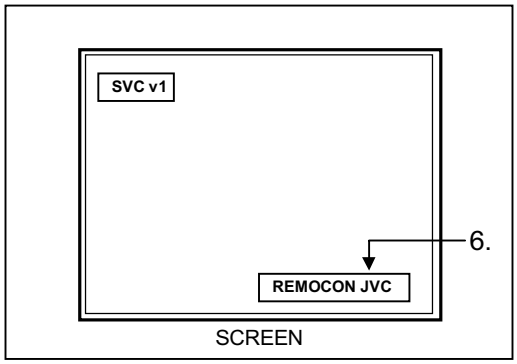


Fig. B

SETUP OF JIG REMOTE CONTROL UNIT (PTU94023B) AND TRANSFER OF CONTROL CODE

1.Remove the battery cover.

2.Set the battery while simultaneously pressing the <4,5 and 6>keys together.
When "43-00" appears on in the display window, setup is complete.

3.Enter the custom code.
For selecting a custom code to input, use the <+/-> key.

4.Enter the data code.
For selecting a data code to input, use the <+/-> key or directly input a data code with <0> to <F> keys.

5.Press the transfer key to transfer the data.

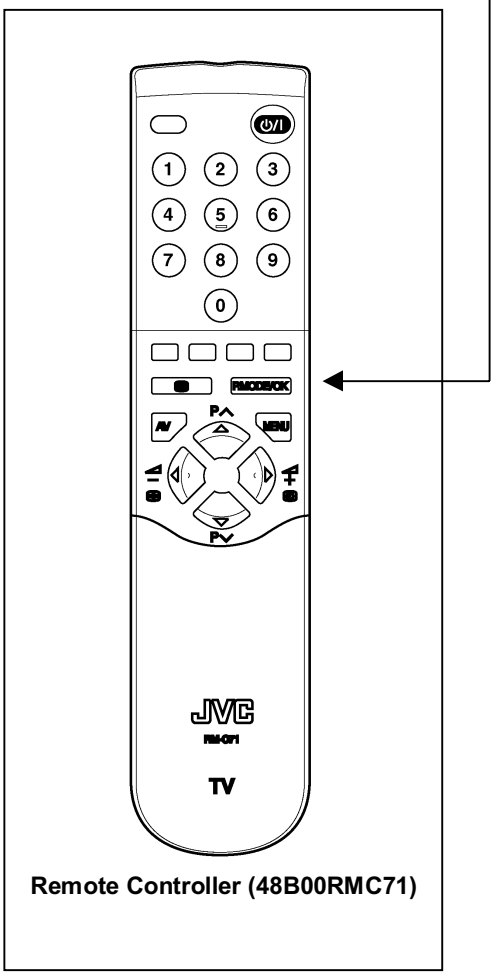
SERVICE ADJUSTMENTS

BEFORE ADJUSTMENT AND MAINTENANCE

1. Don't short any two soldering points or connect any component while TV set is power on.
2. Withdraw power plug before maintenance.
3. In order to ensure safety all components replaced should be identical. (For further details, refer to the component name and component No. in PARTS LIST.)
4. Must be warm up the set for 30 minutes or more and degauss CRT thoroughly with demagnetizer coil before adjustment.

EQUIPMENT FOR ADJUSTMENT

1. Pattern Generator
2. Digital volt meter
3. Oscilloscope
4. Demagnetizer
5. Remote controller (48B00RMC71)



Remote Controller (48B00RMC71)

BASIC OPERATION OF SERVICE MENU

How to ENTER and EXIT from SERVICE MODE

1. Press the MUTING KEY and RECALL KEY of the REMOTE CONTOROL UNIT at the same time to display the service MENU screen shown Fig. C.
2. When exiting from the SERVICE MODE, turn the power switch off.

∗ There are two types of service mode displays.

How to set SERVICE MODE

1. Select the setting item you want to change with the P.(▲)/ P.(▼) key on the REMOTE CONTROL UNIT. (The item you selected will be indicated by YELLOW on the display.)
2. When changing the set values, use the ◀ -/▶ +KEY on the REMOTE CONTROL UNIT.
3. When the setting has been completed, turn the power switch off.
   (The changed set values are stored in memory.)

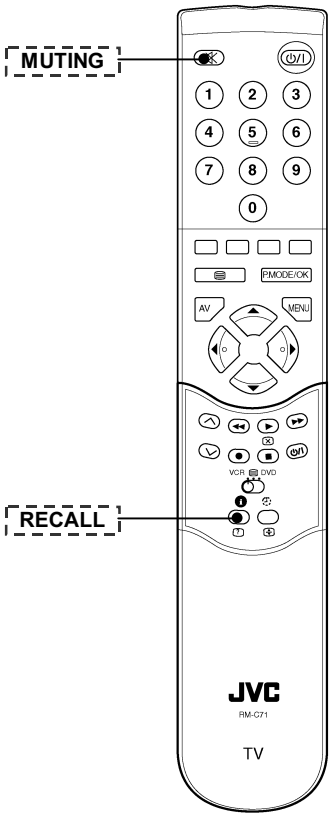


Fig. B

SERVICE MENU screen selection

- Press the P.(▲) / P.(▼) key ····· select menu item.
  (The letters of the selected items are displayed in yellow)
- Press the ◀ - / ▶ + key ····· setting the value item.

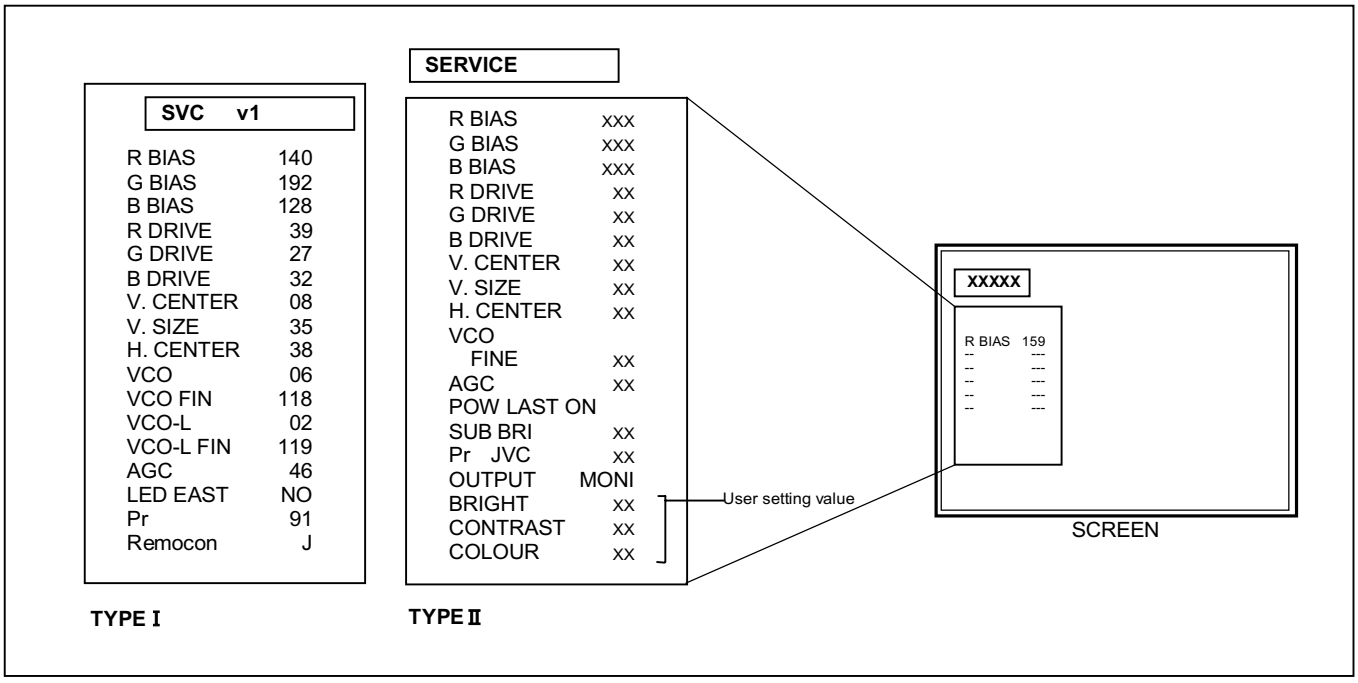


Fig.C (SERVICE MODE)

ADJUSTMENTS

+B VOLTAGE CHECK

1. Receive a standard colour bar signal.
2. Connect digital volt meter between + B1 Line circuit and GND.
3. Confirm that voltage is DC 133V ± 2.0V.

WHITE BALANCE & SCREEN ADJUSTMENT

NOTE : TV preset with [R BIAS],[G BIAS] and [B BIAS] equal to 128.
TV preset with [R DRIVE],[G DRIVE] and [B DRIVE] equal to 32.
Set the TV to "NORMAL Ⅰ" mode. (PICTURE MODE)

■ LOW LIGHT & SCREEN

1. Input the 10-step gray scale signal. (10% Black)
2. Enter the SERVICE MODE.
3. Turn the SCREEN VR (on FBT) gradually, to where the 2nd gray bar (10% Black) faintly visible.
4. Adjust [R BIAS] and [G BIAS] not to the colours on the gray bar.

■ HIGH LIGHT

5. Adjust the [R DRIVE] and [G DRIVE] to set the colour temperature given below.

FOCUS

1. Receive a crosshatch signal.
2. Adjust the Focus knob of the FBT for the clearest picture.

VERTICAL CENTER

1. Enter the service mode.
2. Receive a crosshatch signal.
3. Select the V-CENTER, to display the picture only on the upper half of the screen. (Fig. 1)
4. Adjust ◁/◁ keys to where the bottom edge of the upper half picture is at the center of the CRT.

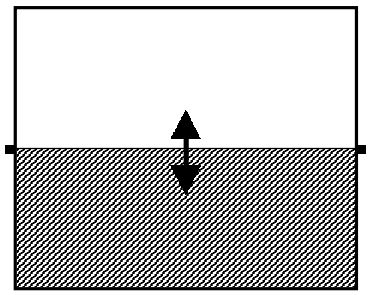


Fig. 1

VERTICAL SIZE (UPPER SIDE)

* Confirm Vertical Center has been adjusted.

1. Set the TV to "NORMAL (Ⅰ or Ⅱ) mode.
2. Enter the Service mode.
3. Receive a circle pattern signal (or a signal having top and bottom symmetrical).
4. Select the V-SIZE to change the size of the top and bottom halves of the picture. (Fig. 2)
5. Press the ◁/◁ keys to adjust the size of only the bottom half of the picture. (With overall picture taken as 100 %, adjust for overseen to display about 90 % of the picture.)

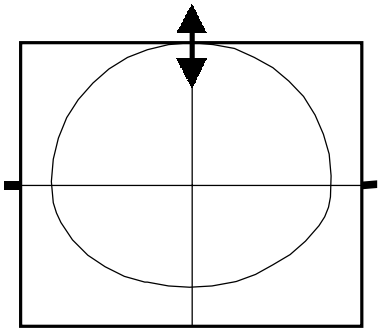


Fig. 2

VERTICAL SIZE (LOWER SIDE)

* Confirm Vertical Center and Vertical Size have been adjusted.

1. Enter the service mode.
2. Receive a crosshatch signal (or a signal having top and bottom symmetrical).
3. Select the V-SLOPE to change the size of the bottom half of the picture. (Fig. 3)
4. Press the ◁/◁ keys to adjust the vertical size of only the bottom half of the picture.
   (With overall picture taken as 100 %, adjust for overseen to display about 90 % of the picture.)

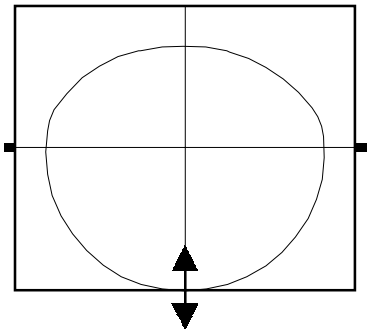


Fig. 3

HORIZONTAL CENTER

1. Enter the service mode.
2. Receive a crosshatch signal (or a signal having left and right symmetrical).
3. Select the H-CENTER to shift the overall picture left and right.
4. Adjust the ◁/◁ keys to align the picture center with the CRT center.

REVISED

Please throw it out the service manual for AV-14JT5EU/EBU&AV-21JT5EU/EBU issued in May. 2000,and use this service manual (No.51721 Oct. 2000).

AV-21JT5EU / AV-21JT5EUB
AV-14JT5EU / AV-14JT5EUB
STANDARD CIRCUIT DIAGRAM

■ NOTE :

1. RESISTANCE IS SHOWN IN OHM. K=1000, M=1000000
2. UNLESS OTHERWISE NOTED IN SCHEMATIC ALL CAPACITOR VALUES ARE EXPRESSED IN μF
3. VOLTAGES READ WITH "VTVM" FROM POINT INDICATED TO CHASSIS GROUND USING A COLOR BAR SIGNAL WITH ALL CONTROLS AT NORMAL LINE 230V AC VOLTAGE READINGS SHOWN ARE NORMAL VALUES AND MAY VARY +20% EXCEPT H.V
4. THIS CIRCUIT DIAGRAM IS A STANDARD ONE CIRCUIT PRINTED MAY BE SUBJECT TO CHANGE FOR PRODUCT IMPROVEMENT WITHOUT PRIOR NOTICE.

■ WARNING :

BEFORE SERVICING THE CHASSIS, READ "X-RAY RADIATION", "SAFETY PRECAUTION", AND "PRODUCT SAFETY NOTICE" IN SERVICE MANUAL.

■ PRODUCT SAFETY NOTE :

COMPONENTS MARKED WITH ⚠ ARE IMPORTANT FOR MAINTAINING.
THE SAFETY OF THE SET AND SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL OR SPECIFIED ONE IN THE PARTS LIST.
DON'T DEGRADE THE SAFETY THROUGH IMPROPER SERVICING.

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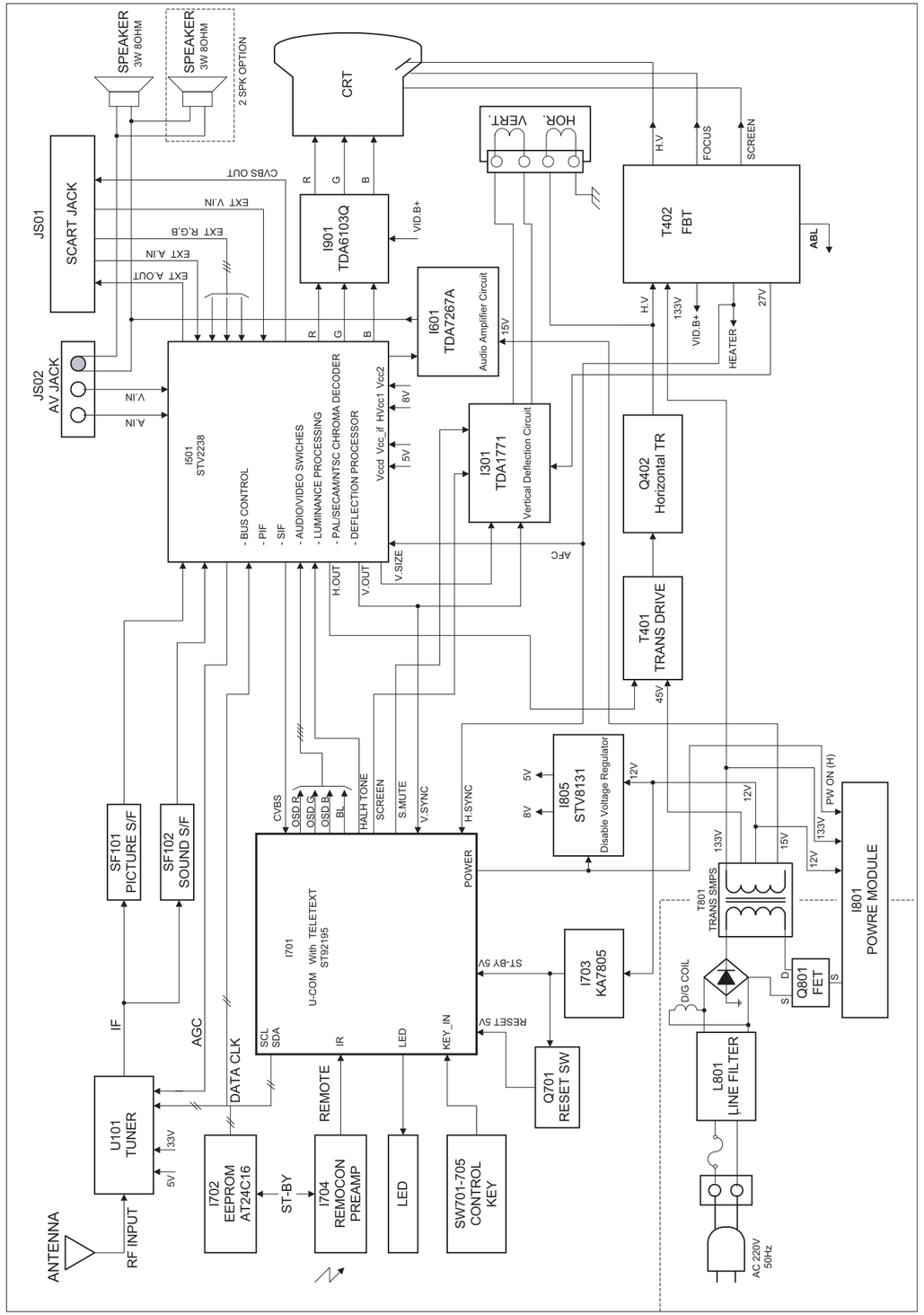
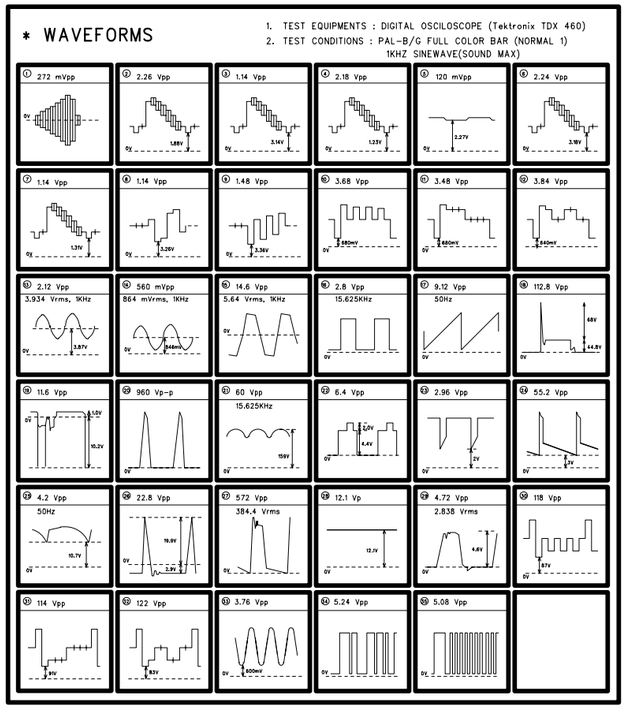
BLOCK DIAGRAM



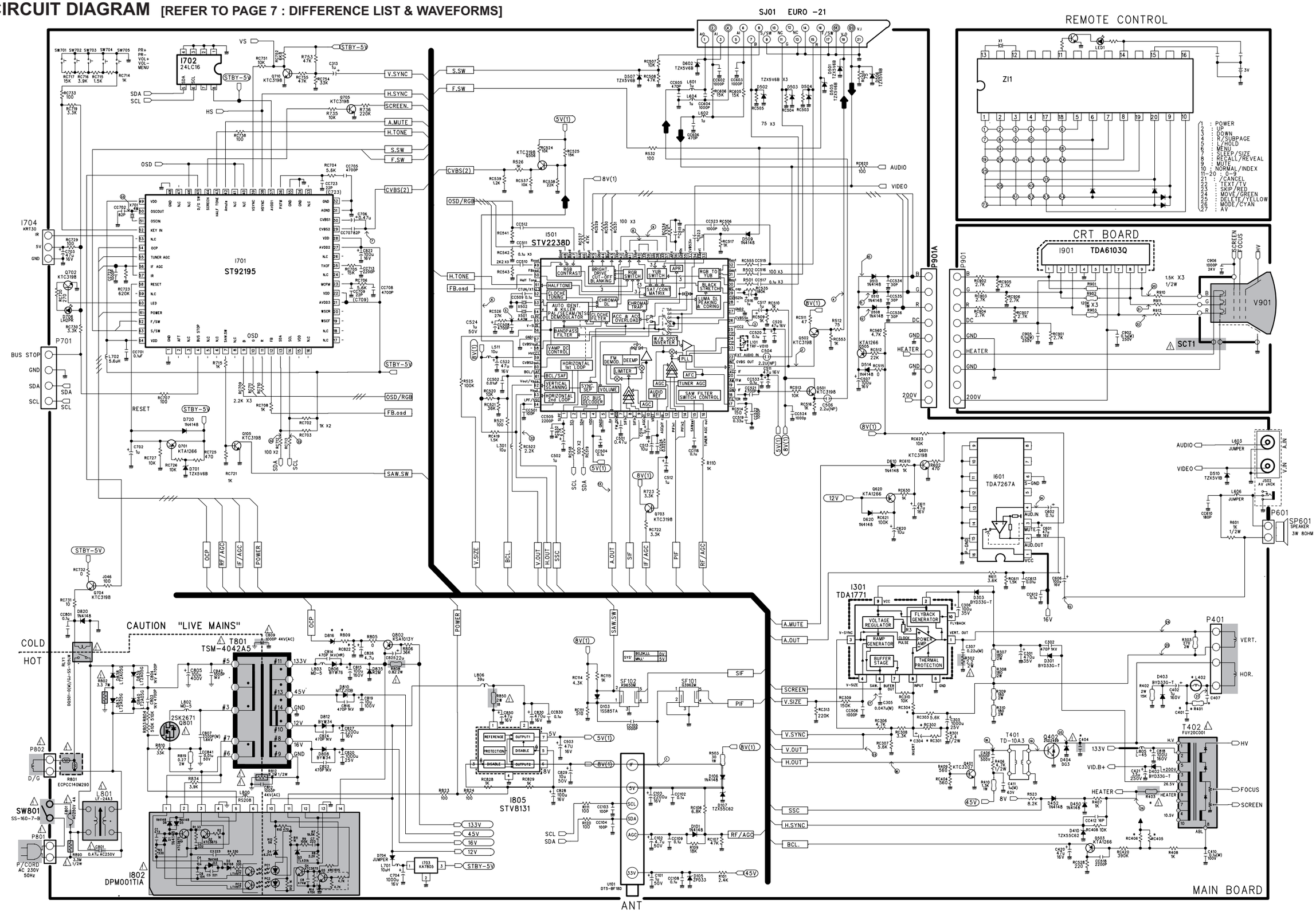
DIFFERENCE LIST

⚠	SYMBOL	AV-14JT5EU	AV-14JT5EBU	AV-21JT5EU	AV-21JT5EBU
⚠	CRT(I.T.C.)	4859608640		4859629360C	
⚠	DEG COIL	58G0000084		58G0000074	
	PWB ASSY	PTMPMSA616J	PTMPMSA618J	PTMPMSD616J	PTMPMSD618J
	R401	×		1W 2.7K	
⚠	R403	2W 4.3		2W 2.2	
	R809	1/4 10K		1/4 36K	
	RC301	1/10 360		1/10 510	
	RC302	1/10 2.4K		1/10 2.2K	
	RC304	1/10 2.7K		1/10 3K	
	RC405	1/10 3.6K		1/10 5.6K	
	RC406	×		1/10 5.6K	
	RC529	1/10 270		1/10 100	
	RC530	1/10 270		1/10 100	
	RC531	1/10 270		1/10 100	
	RC822	1/10 130K		1/10 27K	
	RC902	1/10 3K		1/10 2.7K	
	RC903	1/10 3K		1/10 2.7K	
	RC904	1/10 3K		1/10 2.7K	
	C304	50V 22		50V 10	
	C401	200V 0.36		200V 0.18	
⚠	C404	1.6KV 6900P		1.6KV 6600P	
	C407	×		500V 560P	
	L402	×		58H0000052	
	D816	DTZX3V9B--		DMTZJ10B--	
	J008	JUMPER		×	
	J137	JUMPER		×	
⚠	CRT SOCKET	4859303430		4859303530	
	SF101	5PG3962M--	5PK7257M--	5PG3962M--	5PK7257M--
	I701	1DW195DE5Q	1DW195CR3Q	1DW195DE5Q	1DW195CR3Q



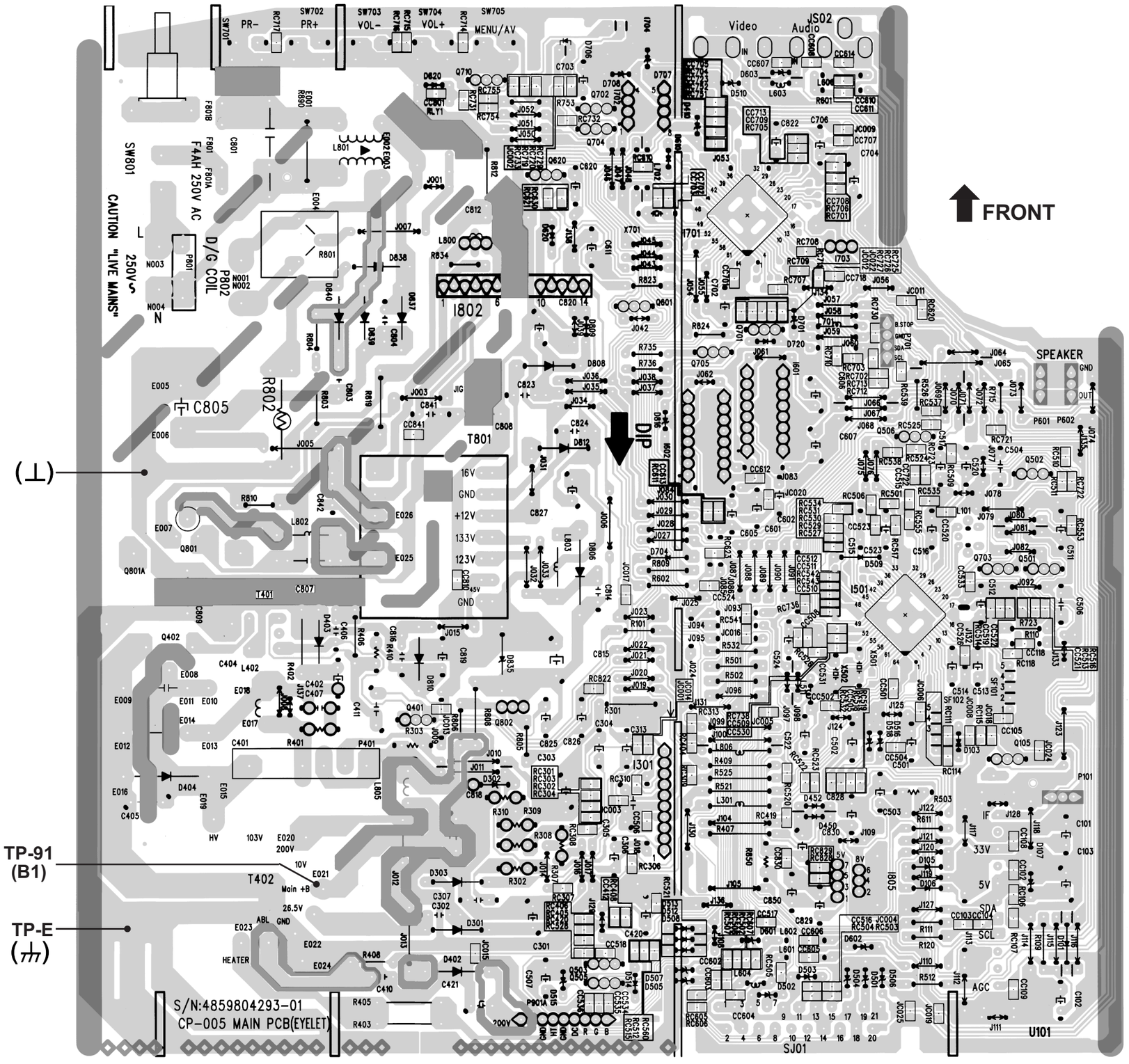
AV-21JT5EU AV-21JT5EUB
AV-14JT5EU AV-14JT5EUB

CIRCUIT DIAGRAM [REFER TO PAGE 7 : DIFFERENCE LIST & WAVEFORMS]

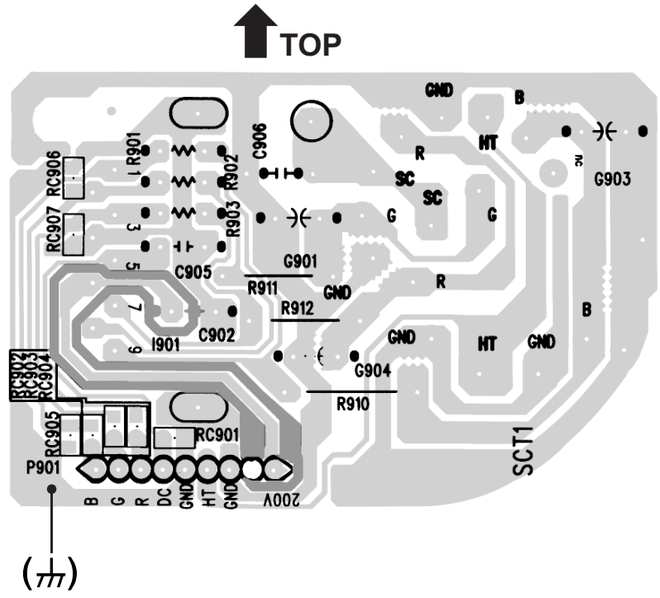


AV-21JT5EU AV-21JT5EUB
AV-14JT5EU AV-14JT5EUB

PATTERN DIAGRAMS *MAIN PWB PATTERN*



CRT SOCKET PWB PATTERN



PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety .
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied .
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied .

ABBREVIATIONS OF RESISTORS, TRANSISTOR, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
C R	Carbon Resistor	CERA C	Ceramic Capacitor
V R	Variable Resistor	ELECTRO C	Electrolytic Capacitor
		MYLAR C	Mylar Capacitor
TR	Transistor		

TOLERANCES									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% 0%

USING PW BOARD & REMOTE CONTROLLER

Model / PB ASSY	AV-21JT5EU	AV-21JT5EBU	AV-14JT5EU	AV-14JT5EBU
MAIN PWB (with CRT SOCKET PWB)	PTMPMSD616J	PTMPMSD618J	PTMPMSA616J	PTMPMSA618J
REMOTE CONTROLLER	48B00RMC71	←	←	←

■PACKING & EXPLODED VIEW PARTS LIST

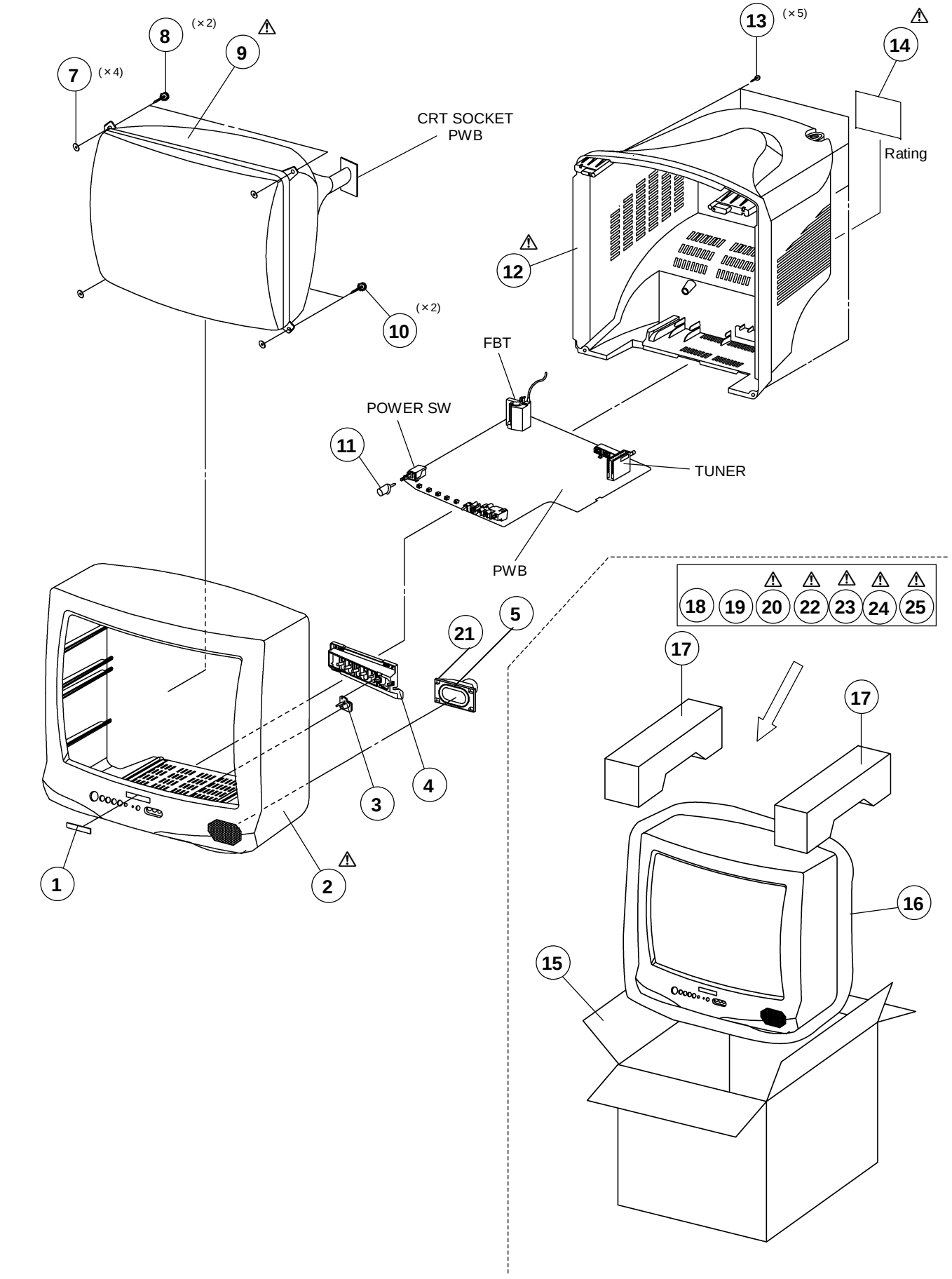
AV-21JT5EU / AV-21JT5EBU

⚠	Ref.	Part No.	Part Name	Description
	1	4855621500	MARK BRAND	AL
⚠	2	PTFMSJD616J	MASK FRONT	HIPS BK
	3	4855537101	ECO SENSOR	PMMA CL
	4	4851932802	BUTTON CTRL	ABS BK
	5	4858314010	SPEAKER	3W 8 OHM(×1)
	7	4856215402	WASHER RUBBER	CR T2.0(×4)
	8	4856013301	SCREW CRT FIXING	30X140 YL(×2)
⚠	9	4859629360C	CRT(with ITC)	A51EFS83X081(Inc.DY,PC,OTHER)
	10	4856013303	SCREW CRT FIXING	30X250 YL(×2)
	11	4854940403	BUTTON POWER	ABS BK
⚠	12	4852152501	COVER BACK	HIPS BK
	13	7172401412	SCREW TAPP TITE	TT2 TRS 4X14 MFZN BK(×5)
⚠	14	4855415800	SPEC PLATE(Rating)	150ART P/E FILM (C/TV)
	15	GPBJV3V2022	PACKING CASE	
	16	4858211801	BAG P.E	L.D.P.E T 0.03X1300X1000
	17	4858188101	PAD	
	18	4858213800	BAG INSTRUCTION	L.D.P.E T 0.05X250X400
	19	48B00RMC71	TRANSMITTER REMOCON	RM-C71
⚠	20	GPMJV1V2022	INST BOOK(ENG)	14JT5/21JT5EU
	21	7178301212	SCREW TAPPING	(×4)
⚠	22	GPMJV1V2122	INST BOOK(GER/FRE/SPA/DUT/ITA)	14JT5/21JT5EU
⚠	23	GPMJV1V2222	INST BOOK(FIN/SWE/NOR/DAN/POR)	14JT5/21JT5EU
⚠	24	GPMJV1V2322	INST BOOK(POL/CZE/HUN/ROM)	14JT5/21JT5EU
⚠	25	GPMJV1V2422	INST BOOK(BUL)	14JT5/21JT5EBU
		GPWJV1V2022	WARRANTY CARD	
⚠		4859906210	POWER CORD	
⚠		58G0000074	COIL DEGAUSSING	

AV-14JT5EU / AV-14JT5EBU

⚠	Ref.	Part No.	Part Name	Description
	1	4855621600	MARK BRAND	AL
⚠	2	PTFMSJA616J	MASK FRONT	HIPS BK
	3	4855536601	ECO SENSOR	PMMA CL
	4	4851933402	BUTTON CTRL	
	5	4858314010	SPEAKER	3W 8 OHM(×1)
	7	4856215402	WASHER RUBBER	CR T2.0(×4)
	8	4856013300	SCREW CRT FIXING	30X80 BK(×2)
⚠	9	4859608640	CRT (with ITC)	A34JLL90X89(Inc.DY,PC,OTHER)
	10	4856013301	SCREW CRT FIXING	30X140 YL(×2)
	11	4854940103	BUTTON POWER	ABS BK
⚠	12	4852152101	COVER BACK	HIPS BK
	13	7172401412	SCREW TAPP TITE	TT2 TRS 4X14 MFZN BK(×5)
⚠	14	4855415800	SPEC PLATE(Rating)	150ART P/E FILM (C/TV)
	15	GPBJV1V2022	BOX CARTON	SW-2 DTQ-1463FW
	16	4858210702	BAG P.E	L.D.P.E T 0.03X1000X900
	17	4858187500	PAD	EPS 14V3
	18	4858213800	BAG INSTRUCTION	L.D.P.E T 0.05X250X400
	19	48B00RMC71	TRANSMITTER REMOCON	RM-C71
⚠	20	GPMJV1V2022	INST BOOK(ENG)	14JT5/21JT5
	21	7178301011	SCREW TAPPING	(×2)
⚠	22	GPMJV1V2122	INST BOOK(GER/FRE/SPA/DUT/ITA)	14JT5/21JT5EU
⚠	23	GPMJV1V2222	INST BOOK(FIN/SWE/NOR/DAN/POR)	14JT5/21JT5EU
⚠	24	GPMJV1V2322	INST BOOK(POL/CZE/HUN/RUM)	14JT5/21JT5EU
⚠	25	GPMJV1V2422	INST BOOK(BUL)	14JT5/21JT5EBU
		GPWJV1V2022	WARRANTY CARD	
⚠		4859906210	POWER CORD	
⚠		58G0000084	COIL DEGAUSSING	
		4850A03310	ROD ANTENNA	

PACKING & EXPLODED VIEW



AV-21JT5EU / AV-21JT5EBU

■ELECTRICAL PARTS LIST

⚠	Symbol No.	Part No.	Part Name	Description
	C103	CEXF1C222V	C ELECTRO	16V RSS 2200MF(13X25)TP
	C301	CEXF1V471C	C ELECTRO	35V RUS 470MF (10X20) TP
	C303	CEXF1E102C	C ELECTRO	25V RUS 1000MF 13X20 TP
	C305	CMXE2A473J	C MYLAR	100V PU 0.047MF J
	C401	CMYE2D184J	C MYLAR	200V 0.18MF J (PU)
⚠	C404	CMYH3C662H	C MYLAR	1.6KV BUP 6600PF H
	C411	CMYN1J105K	C MYLAR (MKT)	63V 1MF K (7.5MM)
	C421	CEXF2E330V	C ELECTRO	250V RSS 33MF (13X25) TP
	C704	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP
⚠	C801	CL1JB3474K	C LINE ACROSS	AC250V 0.47MF U/C/SNDF/SV
	C805	CEYN2G101P	C ELECTRO	400V LHS 100MF
	C807	CMYU3C222J	C MYLAR	1.6KV BCP 2200PF J
⚠	C809	CH1HFE102M	C CERA AC	4.0KV 1000PF E DG
⚠	C812	CH1HFE102M	C CERA AC	4.0KV 1000PF E DG
	C814	CCYR3A471K	C CERA	1KV 470PF K 125C
	C815	CEXF2C101V	C ELECTRO	160V RSS 100MF (16X25) TP
	C818	CEXF2C101C	C ELECTRO	160V RUS 100MF (16*25) TP
	C820	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP
	C827	CEXF1C222V	C ELECTRO	16V RSS 2200MF(13X25)TP
	C830	CEXF1C471V	C ELECTRO	16V RSS 470MF (10X12.5)TP
	C906	CBXB3D102K	C CERA SEMI	2KV BL(N) 1000PF K (T)
	D404	DDG3------	DIODE	DG3
	D706	DLH2PR----	LED BLOCK	LH-2P-R
	D806	DBYW76----	DIODE	BYW76
⚠	F801	5FSCB4022R	FUSE CERA	SEMKO F4AH 4A 250V MF51
	I301	1TDA1771--	IC VERTICAL	TDA1771
	I601	1TDA7267A-	IC AMP	TDA7267A
	I702	1AT24C16PC	IC	AT24C16-10PC
	I703	1KA7805---	IC REGULATOR	KA7805
	I704	1KRT30----	IC PREAMP	KRT30
⚠	I802	4850M04710	MODULE POWER	DPM001T1A
	I805	1STV8131--	IC REGULATOR	STV8131
	I901	1TDA6103Q-	IC VIDEO	TDA6103Q
	JS02	4859109950	JACK PIN BOARD	PH-JB-9710A
	L101	58N0000044	COIL VCO	TRF-V010
	L402	58H0000052	COIL H-LINEARITY	TRL-541B
	L800	58Q0000093	COIL DELAY LINE	RS208
⚠	L801	5PLF24A3--	FILTER LINE	LF-24A3
	L805	58C4500079	COIL CHOKE	L-45
	M681	4856812001	TIE CABLE	NYLON66 DA100
	M721	4857235402	SHIELD CASE	SPTH-C T0.25
	Q402	T2SD2499--	TR	2SD2499
⚠	Q801	T2SK2671--	TR	2SK2671
	R402	RS02Y153JS	R M-OXIDE FILM	2W 15K OHM J SMALL
⚠	R403	RS02Y229JS	R M-OXIDE FILM	2W 2.2 OHM J SMALL
⚠	R801	DEC140M290	POSISTOR	ECPCC140M290
⚠	R802	RX07C339JF	R CEMENT	7W 3.3 OHM J 15MM 4P
⚠	R808	RS02Y828JS	R M-OXIDE FILM	2W 0.82 OHM J SMALL
	R819	RS02Y278JS	R M-OXIDE FILM	2W 0.27 OHM J SMALL
⚠	RLY1	5SC0101338	SW RELAY	DQ5D1-0(M)/GJ-SS-105LM
⚠	SCT1	4859303530	SOCKET CRT	PCS629-03C
	SF101	5PG3962M--	FILTER SAW	G 3962-M (AV-21JT5EU)
	SF101	5PK7257M--	FILTER SAW	K7257M(AV-21JT5EBU)
	SF102	5PK9650M--	FILTER SAW	K9650M
	SJ01	4859200401	SOCKET RGB	SR-21A1 (ANGLE TYPE)
⚠	SW801	5S40101146	SW POWER PUSH	SS-160-7-B
	T401	50D10A3---	TRANS DRIVE	TD-10A3
⚠	T402	50H0000202	FBT	FUY20C001
⚠	T801	50M4042A5-	TRANS SMPS	TSM-4042A5
	U101	4859719930	TUNER VARACTOR	DT5-BF18D
	W101	4851900130	GROUND TUNER AS	DS-W1015-S
	CC102	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC103	HCQK101JCA	C CHIP CERA	50V CH 100PF J 2012
	CC104	HCQK101JCA	C CHIP CERA	50V CH 100PF J 2012
	CC105	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
	CC108	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC109	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC118	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012
	CC412	HCQK160JCA	C CHIP CERA	50V CH 16PF J 2012
	CC501	HCQK101JCA	C CHIP CERA	50V CH 100PF J 2012
	CC502	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012
	CC504	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC505	HCBK222KCA	C CHIP CERA	50V X7R 2200PF K 2012
	CC506	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
	CC508	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012
	CC509	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC510	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC511	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC512	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC515	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC516	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC517	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC518	HCBK222KCA	C CHIP CERA	50V X7R 2200PF K 2012
	CC519	HCFK334ZCA	C CHIP CERA	50V Y5V 0.33MF Z 2012
	CC520	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012

⚠	Symbol No.	Part No.	Part Name	Description
	CC521	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012
	CC522	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
	CC523	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
	CC524	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
	CC526	HCBK223KCA	C CHIP CERA	50V X7R 0.022MF K 2012
	CC533	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC534	HCQK300JCA	C CHIP CERA	50V CH 30PF J 2012
	CC535	HCQK300JCA	C CHIP CERA	50V CH 30PF J 2012
	CC536	HCQK300JCA	C CHIP CERA	50V CH 30PF J 2012
	CC602	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
	CC603	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
	CC604	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
	CC605	HCQK471JCA	C CHIP CERA	50V CH 470PF J 2012
	CC606	HCQK471JCA	C CHIP CERA	50V CH 470PF J 2012
	CC610	HCQK181JCA	C CHIP CERA	50V CH 180PF J 2012
	CC612	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC613	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012
	CC701	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC702	HCQK820JCA	C CHIP CERA	50V CH 82PF J 2012
	CC705	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012
	CC707	HCQK820JCA	C CHIP CERA	50V CH 82PF J 2012
	CC708	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012
	CC709	HCQK220JCA	C CHIP CERA	50V CH 22PF J 2012
	CC713	HCBK222KCA	C CHIP CERA	50V X7R 2200PF K 2012
	CC722	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
	CC723	HCQK220JCA	C CHIP CERA	50V CH 22PF J 2012
	CC801	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC830	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC841	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012
	I501	1STV2238DQ	IC CHIP VIDEO	STV2238D
	I701	1DW195DE5Q	IC CHIP MICOM	DW92195C7T-DE5(ETR)[AV-21JT5EU]
	I701	1DW195CR3Q	IC CHIP MICOM	DW92195C7T-CR3(ETP)[AV-21JT5EBU]
	JC001	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC002	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC003	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC004	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC005	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC006	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC008	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC009	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC011	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC012	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC013	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC014	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC015	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC016	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC017	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC018	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC019	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC020	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC022	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC024	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	JC025	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	RC106	HRFT682JCA	R CHIP	1/10 6.8K OHM J 2012
	RC107	HRFT473JCA	R CHIP	1/10 47K OHM J 2012
	RC111	HRFT511JCA	R CHIP	1/10 510 OHM J 2012
	RC114	HRFT432JCA	R CHIP	1/10 4.3K OHM J 2012
	RC115	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC301	HRFT511JCA	R CHIP	1/10 510 OHM J 2012
	RC302	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
	RC303	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012
	RC304	HRFT302JCA	R CHIP	1/10 3K OHM J 2012
	RC306	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012
	RC307	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012
	RC308	HRFT332JCA	R CHIP	1/10 3.3K OHM J 2012
	RC309	HRFT154JCA	R CHIP	1/10 150K OHM J 2012
	RC310	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
	RC313	HRFT224JCA	R CHIP	1/10 220K OHM J 2012
	RC404	HRFT561JCA	R CHIP	1/10 560 OHM J 2012
	RC405	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012
	RC406	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012
	RC408	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
	RC419	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012
	RC420	HRFT394JCA	R CHIP	1/10 390K OHM J 2012
	RC501	HRFT750JCA	R CHIP	1/10 75 OHM J 2012
	RC503	HRFT750JCA	R CHIP	1/10 75 OHM J 2012
	RC504	HRFT750JCA	R CHIP	1/10 75 OHM J 2012
	RC505	HRFT750JCA	R CHIP	1/10 75 OHM J 2012
	RC506	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
	RC507	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
	RC508	HRFT473JCA	R CHIP	1/10 47K OHM J 2012
	RC509	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC510	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC511	HRFT470JCA	R CHIP	1/10 47 OHM J 2012
	RC512	HRFT223JCA	R CHIP	1/10 22K OHM J 2012
	RC513	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
	RC514	HRFT151JCA	R CHIP	1/10 150 OHM J 2012
	RC515	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	RC516	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC517	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC518	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
	RC519	HRFT101JCA	R CHIP	1/10 100 OHM J 2012

⚠ Symbol No.	Part No.	Part Name	Description
RC520	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
RC521	HRFT363JCA	R CHIP	1/10 36K OHM J 2012
RC522	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
RC523	HRFT822JCA	R CHIP	1/10 8.2K OHM J 2012
RC524	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
RC525	HRFT153JCA	R CHIP	1/10 15K OHM J 2012
RC526	HRFT273JCA	R CHIP	1/10 27K OHM J 2012
RC527	HRFT473JCA	R CHIP	1/10 47K OHM J 2012
RC528	HRFT221JCA	R CHIP	1/10 220 OHM J 2012
RC529	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC530	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC531	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC532	HRFT273JCA	R CHIP	1/10 27K OHM J 2012
RC534	HRFT334JCA	R CHIP	1/10 330K OHM J 2012
RC535	HRFT184JCA	R CHIP	1/10 180K OHM J 2012
RC537	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
RC538	HRFT223JCA	R CHIP	1/10 22K OHM J 2012
RC539	HRFT122JCA	R CHIP	1/10 1.2K OHM J 2012
RC541	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
RC542	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
RC543	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
RC553	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC555	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC560	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012
RC605	HRFT153JCA	R CHIP	1/10 15K OHM J 2012
RC606	HRFT153JCA	R CHIP	1/10 15K OHM J 2012
RC610	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC611	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012
RC620	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC621	HRFT104JCA	R CHIP	1/10 100K OHM J 2012
RC623	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
RC630	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC702	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC703	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC704	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012
RC705	HRFT153JCA	R CHIP	1/10 15K OHM J 2012
RC706	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012
RC707	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC708	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC709	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
RC710	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
RC711	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
RC712	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC713	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC714	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC715	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012
RC716	HRFT392JCA	R CHIP	1/10 3.9K OHM J 2012
RC717	HRFT153JCA	R CHIP	1/10 15K OHM J 2012
RC719	HRFT332JCA	R CHIP	1/10 3.3K OHM J 2012
RC720	HRFT271JCA	R CHIP	1/10 270 OHM J 2012
RC721	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC722	HRFT332JCA	R CHIP	1/10 3.3K OHM J 2012
RC723	HRFT624JCA	R CHIP	1/10 620K OHM J 2012
RC725	HRFT471JCA	R CHIP	1/10 470 OHM J 2012
RC726	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
RC727	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
RC729	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC730	HRFT332JCA	R CHIP	1/10 3.3K OHM J 2012
RC731	HRFT100JCA	R CHIP	1/10 10 OHM J 2012
RC732	HRFT000-CA	R CHIP	1/10 0 OHM 2012
RC733	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC736	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC738	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC751	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
RC752	HRFT682JCA	R CHIP	1/10 6.8K OHM J 2012
RC754	HRFT333JCA	R CHIP	1/10 33K OHM J 2012
RC755	HRFT473JCA	R CHIP	1/10 47K OHM J 2012
RC822	HRFT273JCA	R CHIP	1/10 27K OHM J 2012
RC828	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC829	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC901	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
RC902	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
RC903	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
RC904	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
RC905	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
RC906	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
RC907	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
C101	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
C102	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5*11) TP
C302	CCXB3A471K	C CERA	1KV B 470PF K (T)
C304	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
C306	CEXF1V101C	C ELECTRO	35V RUS 100MF (8X11.5) TP
C307	CMXM2A224J	C MYLAR	100V 0.22MF J BULK
C313	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
C402	CEXF2C109C	C ELECTRO	160V RUS 1MF (6.3*11)TP
C406	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)
C407	CCXB2H561K	C CERA	500V B 560PF K (TAPPING)
C410	CMXM2A104J	C MYLAR	100V 0.1MF J TP
C420	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
C501	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP
C502	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
C503	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP

⚠	Symbol No.	Part No.	Part Name	Description
	C504	CEXD1H229F	C ELECTRO	50V RND 2.2MF (5X11) TP
	C506	CEXD1H229F	C ELECTRO	50V RND 2.2MF (5X11) TP
	C507	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
	C511	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C512	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C513	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
	C514	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C515	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C516	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C517	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C520	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C522	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C523	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C524	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C601	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C602	CEXF1H108A	C ELECTRO	50V RSM 0.1MF 4X7
	C606	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
	C611	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C620	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
	C702	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C703	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C706	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP
	C803	CCXF3A472Z	C CERA	1KV F 4700PF Z (T)
	C804	CCXF3A472Z	C CERA	1KV F 4700PF Z (T)
	C816	CCXB3A471K	C CERA	1KV B 470PF K (T)
	C819	CEXF2A100V	C ELECTRO	100V RSS 10MF (6.3X11) TP
	C822	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
	C823	CCXB3A471K	C CERA	1KV B 470PF K (T)
	C824	CCXB3A471K	C CERA	1KV B 470PF K (T)
	C825	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP
	C826	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5*11) TP
	C828	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
	C829	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
	C842	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)
	C850	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C902	CMXL2E104K	C MYLAR	250V 0.1MF K MEU TP
	C905	CMXL2E104K	C MYLAR	250V 0.1MF K MEU TP
	F801A	4857415001	CLIP FUSE	PFC5000-0702
	F801B	4857415001	CLIP FUSE	PFC5000-0702
	Q105	T2SC5343Y-	TR	2SC5343Y
	Q401	TKTC3207--	TR	KTC3207
	Q501	T2SC5343Y-	TR	2SC5343Y
	Q502	T2SC5343Y-	TR	2SC5343Y
	Q503	TSTA933Y--	TR	STA933-Y
	Q505	TSTA933Y--	TR	STA933-Y
	Q506	T2SC5343Y-	TR	2SC5343Y
	Q601	T2SC5343Y-	TR	2SC5343Y
	Q620	TSTA933Y--	TR	STA933-Y
	Q701	TSTA933Y--	TR	STA933-Y
	Q702	T2SC5343Y-	TR	2SC5343Y
	Q703	T2SC5343Y-	TR	2SC5343Y
	Q704	T2SC5343Y-	TR	2SC5343Y
	Q705	T2SC5343Y-	TR	2SC5343Y
	Q710	T2SC5343Y-	TR	2SC5343Y
	Q802	TKSA1013Y-	TR	KSA1013Y
⚠	R302	RN02B229JS	R METAL FILM	2W 2.2 OHM J SMALL
	R303	RN02B271JS	R METAL FILM	2W 270 OHM J SMALL
	R307	RN02B181JS	R METAL FILM	2W 180 OHM J SMALL
	R308	RN02B181JS	R METAL FILM	2W 180 OHM J SMALL
	R309	RN02B181JS	R METAL FILM	2W 180 OHM J SMALL
	R310	RN02B181JS	R METAL FILM	2W 180 OHM J SMALL
	R401	RN01B272JS	R METAL FILM	1W 2.7K OHM J SMALL
	R410	RN02B132JS	R METAL FILM	2W 1.3K OHM J SMALL
	R503	RN01B300JS	R METAL FILM	1W 30 OHM J SMALL
⚠	R850	RN02B180JS	R METAL FILM	2W 18 OHM J SMALL
	R901	RN01B124JS	R METAL FILM	1W 120K OHM J SMALL
	R902	RN01B124JS	R METAL FILM	1W 120K OHM J SMALL
	R903	RN01B124JS	R METAL FILM	1W 120K OHM J SMALL
	SW701	5S50101090	SW TACT	SKHV17910A
	SW702	5S50101090	SW TACT	SKHV17910A
	SW703	5S50101090	SW TACT	SKHV17910A
	SW704	5S50101090	SW TACT	SKHV17910A
	SW705	5S50101090	SW TACT	SKHV17910A
	X501	5XEX4R433B	CRYSTAL QUARTZ	HC-49U 4.43361M 15PPM TP
	X502	5XEX3R579B	CRYSTAL QUARTZ	HC-49U 3.57954M 15PPM TP
	X701	5XEX4R000C	CRYSTAL QUARTZ	HC-49U 4.0000MHZ 20PPM TA
	D101	D1N4148---	DIODE	1N4148 (TAPPING)
	D103	D1SS85TA--	DIODE	1SS85TA
	D105	DUZ33B----	DIODE ZENER	UZ-33B
	D106	D1N4148---	DIODE	1N4148 (TAPPING)
	D107	DTZX5V1B--	DIODE ZENER	TZX5V1B (TAPPING)
	D301	NBYD33GT--	DIODE	BYD33G-T
	D302	DBZX55C62-	DIODE ZENER	BZX55C62
	D303	NBYD33GT--	DIODE	BYD33G-T
	D304	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING
	D402	NBYD33GT--	DIODE	BYD33G-T
	D403	NBYD33GT--	DIODE	BYD33G-T
	D410	DTZX5V1B--	DIODE ZENER	TZX5V1B (TAPPING)
	D450	D1N4148---	DIODE	1N4148 (TAPPING)
	D452	D1N4148---	DIODE	1N4148 (TAPPING)
	D501	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D502	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)

⚠	Symbol No.	Part No.	Part Name	Description
	D503	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D504	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D505	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D506	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D507	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D508	D1N4148---	DIODE	1N4148 (TAPPING)
	D509	D1N4148---	DIODE	1N4148 (TAPPING)
	D510	DTZX5V1B--	DIODE ZENER	TZX5V1B (TAPPING)
	D512	D1N4148---	DIODE	1N4148 (TAPPING)
	D513	D1N4148---	DIODE	1N4148 (TAPPING)
	D514	D1N4148---	DIODE	1N4148 (TAPPING)
	D602	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D610	D1N4148---	DIODE	1N4148 (TAPPING)
	D620	D1N4148---	DIODE	1N4148 (TAPPING)
	D701	DTZX3V9B--	DIODE ZENER	TZX3V9B
	D704	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING
	D720	D1N4148---	DIODE	1N4148 (TAPPING)
	D808	DBYW34----	DIODE	BYW34 (TAPPING)
	D810	DBYW34----	DIODE	BYW34 (TAPPING)
	D812	DBYW34----	DIODE	BYW34 (TAPPING)
	D816	DMTZJ10B--	DIODE ZENER	MTZJ 10B (TAPPING)
	D820	D1N4148---	DIODE	1N4148 (TAPPING)
	D835	DR2M------	DIODE ZENER	R2M
	D837	DLT2A05G--	DIODE	LT2A05G
	D838	DLT2A05G--	DIODE	LT2A05G
	D839	DLT2A05G--	DIODE	LT2A05G
	D840	DLT2A05G--	DIODE	LT2A05G
	J046	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	L301	5CPZ100K04	COIL PEAKING	10UH 10.5MM K (LAL04TB)
	L511	5CPZ100K02	COIL PEAKING	10UH 3.5MM K(LAL02TB)
	L601	5CPZ109M02	COIL PEAKING	1UH 3.5MM M(LAL02TB)
	L602	5CPZ109M02	COIL PEAKING	1UH 3.5MM M(LAL02TB)
	L603	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING
	L604	5CPZ109M02	COIL PEAKING	1UH 3.5MM M(LAL02TB)
	L606	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING
	L701	5CPZ100K02	COIL PEAKING	10UH 3.5MM K(LAL02TB)
	L702	5CPZ569K02	COIL PEAKING	5.6UH 3.5MM K (LAL02TB)
	L802	5MC0000100	COIL BEAD	MD-5 (HC-3550)
	L803	5MC0000100	COIL BEAD	MD-5 (HC-3550)
	L806	5CPZ390K04	COIL PEAKING	39UH 10.5MM K (LAL04TB)
	R101	RD-4Z242J-	R CARBON FILM	1/4 2.4K OHM J
	R109	RD-4Z183J-	R CARBON FILM	1/4 18K OHM J
	R110	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J
	R111	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R120	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R301	RD-2Z249J-	R CARBON FILM	1/2 2.4 OHM J
	R406	RD-2Z472J-	R CARBON FILM	1/2 4.7K OHM J
	R407	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J
	R408	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J
	R409	RD-4Z561J-	R CARBON FILM	1/4 560 OHM J
	R501	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R502	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R512	RD-4Z750J-	R CARBON FILM	1/4 75 OHM J
	R521	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R525	RD-4Z104J-	R CARBON FILM	1/4 100K OHM J
	R526	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J
	R532	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R601	RD-2Z102J-	R CARBON FILM	1/2 1K OHM J
	R602	RD-4Z471J-	R CARBON FILM	1/4 470 OHM J
	R611	RD-4Z362J-	R CARBON FILM	1/4 3.6K OHM J
	R715	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J
	R723	RD-4Z332J-	R CARBON FILM	1/4 3.3K OHM J
	R735	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J
	R736	RD-4Z224J-	R CARBON FILM	1/4 220K OHM J
	R753	RD-4Z473J-	R CARBON FILM	1/4 47K OHM J
	R803	RD-4Z514J-	R CARBON FILM	1/4 510K OHM J
	R804	RD-4Z514J-	R CARBON FILM	1/4 510K OHM J
	R805	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING
	R806	RD-4Z363J-	R CARBON FILM	1/4 36K OHM J
	R809	RD-4Z363J-	R CARBON FILM	1/4 36K OHM J
	R810	RD-4Z333J-	R CARBON FILM	1/4 33K OHM J
⚠	R812	RC-2Z825KP	R CARBON COMP	1/2 8.2M OHM K
	R823	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R824	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R834	RD-4Z392J-	R CARBON FILM	1/4 3.9K OHM J
⚠	R890	RC-2Z335KP	R CARBON COMP	1/2 3.3M OHM K
	R910	RC-2Z152K-	R CARBON COMP	1/2 1.5K OHM K
	R911	RC-2Z152K-	R CARBON COMP	1/2 1.5K OHM K
	R912	RC-2Z152K-	R CARBON COMP	1/2 1.5K OHM K

AV-14JT5EU / AV-14JT5EBU

■ELECTRICAL PARTS LIST

⚠	Symbol No.	Part No.	Part Name	Description
	C103	CEXF1C222V	C ELECTRO	16V RSS 2200MF(13X25)TP
	C301	CEXF1V471C	C ELECTRO	35V RUS 470MF (10X20) TP
	C303	CEXF1E102C	C ELECTRO	25V RUS 1000MF 13X20 TP
	C305	CMXE2A473J	C MYLAR	100V PU 0.047MF J
	C401	CMYE2D364J	C MYLAR	200V 0.36MF J (PL)
⚠	C404	CMYH3C692J	C MYLAR	1.6KV 6900PF J (BUP)
	C411	CMYN1J105K	C MYLAR (MKT)	63V 1MF K (7.5MM)
	C421	CEXF2E330V	C ELECTRO	250V RSS 33MF (13X25) TP
	C704	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP
⚠	C801	CL1JB3474K	C LINE ACROSS	AC250V 0.47MF U/C/SNDF/SV
	C805	CEYN2G101P	C ELECTRO	400V LHS 100MF
	C807	CMYU3C222J	C MYLAR	1.6KV BCP 2200PF J
⚠	C809	CH1HFE102M	C CERA AC	4.0KV 1000PF E DG
⚠	C812	CH1HFE102M	C CERA AC	4.0KV 1000PF E DG
	C814	CCYR3A471K	C CERA	1KV 470PF K 125C
	C815	CEXF2C101V	C ELECTRO	160V RSS 100MF (16X25) TP
	C818	CEXF2C101C	C ELECTRO	160V RUS 100MF (16*25) TP
	C820	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP
	C827	CEXF1C222V	C ELECTRO	16V RSS 2200MF(13X25)TP
	C830	CEXF1C471V	C ELECTRO	16V RSS 470MF (10X12.5)TP
	C906	CBXB3D102K	C CERA SEMI	2KV BL(N) 1000PF K (T)
	D404	DDG3------	DIODE	DG3
	D706	DLH2PR----	LED BLOCK	LH-2P-R
	D806	DBYW76----	DIODE	BYW76
⚠	F801	5FSCB4022R	FUSE CERA	SEMKO F4AH 4A 250V MF51
	I301	1TDA1771--	IC VERTICAL	TDA1771
	I601	1TDA7267A-	IC AMP	TDA7267A
	I702	1AT24C16PC	IC	AT24C16-10PC
	I703	1KA7805---	IC REGULATOR	KA7805
	I704	1KRT30----	IC PREAMP	KRT30
⚠	I802	4850M04710	MODULE POWER	DPM001T1A
	I805	1STV8131--	IC REGULATOR	STV8131
	I901	1TDA6103Q-	IC VIDEO	TDA6103Q
	JS02	4859109950	JACK PIN BOARD	PH-JB-9710A
	L101	58N0000044	COIL VCO	TRF-V010
	L800	58Q0000093	COIL DELAY LINE	RS208
⚠	L801	5PLF24A3--	FILTER LINE	LF-24A3
	L805	58C4500079	COIL CHOKE	L-45
	M681	4856812001	TIE CABLE	NYLON66 DA100
	M721	4857235402	SHIELD CASE	SPTH-C T0.25
	Q402	T2SD2499--	TR	2SD2499
⚠	Q801	T2SK2671--	TR	2SK2671
	R402	RS02Y153JS	R M-OXIDE FILM	2W 15K OHM J SMALL
⚠	R403	RS02Y439JS	R M-OXIDE FILM	2W 4.3 OHM J SMALL
⚠	R801	DEC140M290	POSISTOR	ECPCC140M290
⚠	R802	RX07C339JF	R CEMENT	7W 3.3 OHM J 15MM 4P
⚠	R808	RS02Y828JS	R M-OXIDE FILM	2W 0.82 OHM J SMALL
	R819	RS02Y278JS	R M-OXIDE FILM	2W 0.27 OHM J SMALL
⚠	RLY1	5SC0101338	SW RELAY	DQ5D1-0(M)/GJ-SS-105LM
⚠	SCT1	4859303430	SOCKET CRT	PCS633A
	SF101	5PG3962M--	FILTER SAW	G 3962-M(AV-14JT5EU)
	SF101	5PK7257M--	FILTER SAW	K7257M(AV-14JT5EBU)
	SF102	5PK9650M--	FILTER SAW	K9650M
	SJ01	4859200401	SOCKET RGB	SR-21A1 (ANGLE TYPE)
⚠	SW801	5S40101146	SW POWER PUSH	SS-160-7-B
	T401	50D10A3---	TRANS DRIVE	TD-10A3
⚠	T402	50H0000202	FBT	FUY20C001
⚠	T801	50M4042A5-	TRANS SMPS	TSM-4042A5
	U101	4859719930	TUNER VARACTOR	DT5-BF18D
	W101	4851900730	GROUND TUNER AS	DS-W1015-S=350
	CC102	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC103	HCQK101JCA	C CHIP CERA	50V CH 100PF J 2012
	CC104	HCQK101JCA	C CHIP CERA	50V CH 100PF J 2012
	CC105	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
	CC108	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC109	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC118	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012
	CC412	HCQK160JCA	C CHIP CERA	50V CH 16PF J 2012
	CC501	HCQK101JCA	C CHIP CERA	50V CH 100PF J 2012
	CC502	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012
	CC504	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC505	HCBK222KCA	C CHIP CERA	50V X7R 2200PF K 2012
	CC506	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
	CC508	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012
	CC509	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC510	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC511	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC512	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC515	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC516	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC517	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
	CC518	HCBK222KCA	C CHIP CERA	50V X7R 2200PF K 2012
	CC519	HCFK334ZCA	C CHIP CERA	50V Y5V 0.33MF Z 2012
	CC520	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012

⚠ Symbol No.	Part No.	Part Name	Description
CC521	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012
CC522	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
CC523	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
CC524	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
CC526	HCBK223KCA	C CHIP CERA	50V X7R 0.022MF K 2012
CC533	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
CC534	HCQK300JCA	C CHIP CERA	50V CH 30PF J 2012
CC535	HCQK300JCA	C CHIP CERA	50V CH 30PF J 2012
CC536	HCQK300JCA	C CHIP CERA	50V CH 30PF J 2012
CC602	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
CC603	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
CC604	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
CC605	HCQK471JCA	C CHIP CERA	50V CH 470PF J 2012
CC606	HCQK471JCA	C CHIP CERA	50V CH 470PF J 2012
CC610	HCQK181JCA	C CHIP CERA	50V CH 180PF J 2012
CC612	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
CC613	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012
CC701	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
CC702	HCQK820JCA	C CHIP CERA	50V CH 82PF J 2012
CC705	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012
CC707	HCQK820JCA	C CHIP CERA	50V CH 82PF J 2012
CC708	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012
CC709	HCQK220JCA	C CHIP CERA	50V CH 22PF J 2012
CC713	HCBK222KCA	C CHIP CERA	50V X7R 2200PF K 2012
CC722	HCQK102JCA	C CHIP CERA	50V CH 1000PF J 2012
CC723	HCQK220JCA	C CHIP CERA	50V CH 22PF J 2012
CC801	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
CC830	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012
CC841	HCFK103ZCA	C CHIP CERA	50V Y5V 0.01MF Z 2012
I501	1STV2238DQ	IC CHIP VIDEO	STV2238D
I701	1DW195DE5Q	IC CHIP MICOM	DW92195C7T-DE5(ETR) (AV-14JT5EU)
I701	1DW195CR3Q	IC CHIP MICOM	DW92195C7T-CR3(ETP) (AV-14JT5EBU)
JC001	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC002	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC003	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC004	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC005	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC006	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC008	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC009	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC011	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC012	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC013	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC014	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC015	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC016	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC017	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC018	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC019	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC020	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC022	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC024	HRFT000-CA	R CHIP	1/10 0 OHM 2012
JC025	HRFT000-CA	R CHIP	1/10 0 OHM 2012
RC106	HRFT682JCA	R CHIP	1/10 6.8K OHM J 2012
RC107	HRFT473JCA	R CHIP	1/10 47K OHM J 2012
RC111	HRFT511JCA	R CHIP	1/10 510 OHM J 2012
RC114	HRFT432JCA	R CHIP	1/10 4.3K OHM J 2012
RC115	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC301	HRFT361JCA	R CHIP	1/10 360 OHM J 2012
RC302	HRFT242JCA	R CHIP	1/10 2.4K OHM J 2012
RC303	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012
RC304	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
RC306	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012
RC307	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012
RC308	HRFT332JCA	R CHIP	1/10 3.3K OHM J 2012
RC309	HRFT154JCA	R CHIP	1/10 150K OHM J 2012
RC310	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
RC313	HRFT224JCA	R CHIP	1/10 220K OHM J 2012
RC404	HRFT561JCA	R CHIP	1/10 560 OHM J 2012
RC405	HRFT362JCA	R CHIP	1/10 3.6K OHM J 2012
RC408	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
RC419	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012
RC420	HRFT394JCA	R CHIP	1/10 390K OHM J 2012
RC501	HRFT750JCA	R CHIP	1/10 75 OHM J 2012
RC503	HRFT750JCA	R CHIP	1/10 75 OHM J 2012
RC504	HRFT750JCA	R CHIP	1/10 75 OHM J 2012
RC505	HRFT750JCA	R CHIP	1/10 75 OHM J 2012
RC506	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC507	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
RC508	HRFT473JCA	R CHIP	1/10 47K OHM J 2012
RC509	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC510	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC511	HRFT470JCA	R CHIP	1/10 47 OHM J 2012
RC512	HRFT223JCA	R CHIP	1/10 22K OHM J 2012
RC513	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
RC514	HRFT151JCA	R CHIP	1/10 150 OHM J 2012
RC515	HRFT000-CA	R CHIP	1/10 0 OHM 2012
RC516	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC517	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
RC518	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC519	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
RC520	HRFT103JCA	R CHIP	1/10 10K OHM J 2012

⚠	Symbol No.	Part No.	Part Name	Description
	RC521	HRFT363JCA	R CHIP	1/10 36K OHM J 2012
	RC522	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
	RC523	HRFT822JCA	R CHIP	1/10 8.2K OHM J 2012
	RC524	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
	RC525	HRFT153JCA	R CHIP	1/10 15K OHM J 2012
	RC526	HRFT273JCA	R CHIP	1/10 27K OHM J 2012
	RC527	HRFT473JCA	R CHIP	1/10 47K OHM J 2012
	RC528	HRFT221JCA	R CHIP	1/10 220 OHM J 2012
	RC529	HRFT271JCA	R CHIP	1/10 270 OHM J 2012
	RC530	HRFT271JCA	R CHIP	1/10 270 OHM J 2012
	RC531	HRFT271JCA	R CHIP	1/10 270 OHM J 2012
	RC532	HRFT273JCA	R CHIP	1/10 27K OHM J 2012
	RC534	HRFT334JCA	R CHIP	1/10 330K OHM J 2012
	RC535	HRFT184JCA	R CHIP	1/10 180K OHM J 2012
	RC537	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
	RC538	HRFT223JCA	R CHIP	1/10 22K OHM J 2012
	RC539	HRFT122JCA	R CHIP	1/10 1.2K OHM J 2012
	RC541	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
	RC542	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
	RC543	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
	RC553	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC555	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
	RC560	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012
	RC605	HRFT153JCA	R CHIP	1/10 15K OHM J 2012
	RC606	HRFT153JCA	R CHIP	1/10 15K OHM J 2012
	RC610	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC611	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012
	RC620	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
	RC621	HRFT104JCA	R CHIP	1/10 100K OHM J 2012
	RC623	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
	RC630	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC702	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC703	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC704	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012
	RC705	HRFT153JCA	R CHIP	1/10 15K OHM J 2012
	RC706	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012
	RC707	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
	RC708	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC709	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
	RC710	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
	RC711	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012
	RC712	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
	RC713	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
	RC714	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC715	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012
	RC716	HRFT392JCA	R CHIP	1/10 3.9K OHM J 2012
	RC717	HRFT153JCA	R CHIP	1/10 15K OHM J 2012
	RC719	HRFT332JCA	R CHIP	1/10 3.3K OHM J 2012
	RC720	HRFT271JCA	R CHIP	1/10 270 OHM J 2012
	RC721	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC722	HRFT332JCA	R CHIP	1/10 3.3K OHM J 2012
	RC723	HRFT624JCA	R CHIP	1/10 620K OHM J 2012
	RC725	HRFT471JCA	R CHIP	1/10 470 OHM J 2012
	RC726	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
	RC727	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
	RC729	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
	RC730	HRFT332JCA	R CHIP	1/10 3.3K OHM J 2012
	RC731	HRFT100JCA	R CHIP	1/10 10 OHM J 2012
	RC732	HRFT000-CA	R CHIP	1/10 0 OHM 2012
	RC733	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
	RC736	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC738	HRFT101JCA	R CHIP	1/10 100 OHM J 2012
	RC751	HRFT103JCA	R CHIP	1/10 10K OHM J 2012
	RC752	HRFT682JCA	R CHIP	1/10 6.8K OHM J 2012
	RC754	HRFT333JCA	R CHIP	1/10 33K OHM J 2012
	RC755	HRFT473JCA	R CHIP	1/10 47K OHM J 2012
	RC822	HRFT134JCA	R CHIP	1/10 130K OHM J 2012
	RC828	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC829	HRFT102JCA	R CHIP	1/10 1K OHM J 2012
	RC901	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
	RC902	HRFT302JCA	R CHIP	1/10 3K OHM J 2012
	RC903	HRFT302JCA	R CHIP	1/10 3K OHM J 2012
	RC904	HRFT302JCA	R CHIP	1/10 3K OHM J 2012
	RC905	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
	RC906	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
	RC907	HRFT272JCA	R CHIP	1/10 2.7K OHM J 2012
	C101	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C102	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5*11) TP
	C302	CCXB3A471K	C CERA	1KV B 470PF K (T)
	C304	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP
	C306	CEXF1V101C	C ELECTRO	35V RUS 100MF (8X11.5) TP
	C307	CMXM2A224J	C MYLAR	100V 0.22MF J BULK
	C313	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C402	CEXF2C109C	C ELECTRO	160V RUS 1MF (6.3*11)TP
	C406	CCXB2H102K	C CERA	500V B 1000PF K (TAPPING)
	C410	CMXM2A104J	C MYLAR	100V 0.1MF J TP
	C420	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C501	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP
	C502	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C503	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C504	CEXD1H229F	C ELECTRO	50V RND 2.2MF (5X11) TP
	C506	CEXD1H229F	C ELECTRO	50V RND 2.2MF (5X11) TP

⚠	Symbol No.	Part No.	Part Name	Description
	C507	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
	C511	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C512	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C513	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
	C514	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C515	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C516	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C517	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C520	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C522	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C523	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C524	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C601	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C602	CEXF1H108A	C ELECTRO	50V RSM 0.1MF 4X7
	C606	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
	C611	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C620	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
	C702	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP
	C703	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C706	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP
	C803	CCXF3A472Z	C CERA	1KV F 4700PF Z (T)
	C804	CCXF3A472Z	C CERA	1KV F 4700PF Z (T)
	C816	CCXB3A471K	C CERA	1KV B 470PF K (T)
	C819	CEXF2A100V	C ELECTRO	100V RSS 10MF (6.3X11) TP
	C822	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
	C823	CCXB3A471K	C CERA	1KV B 470PF K (T)
	C824	CCXB3A471K	C CERA	1KV B 470PF K (T)
	C825	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP
	C826	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5*11) TP
	C828	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP
	C829	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP
	C842	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)
	C850	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP
	C902	CMXL2E104K	C MYLAR	250V 0.1MF K MEU TP
	C905	CMXL2E104K	C MYLAR	250V 0.1MF K MEU TP
	F801A	4857415001	CLIP FUSE	PFC5000-0702
	F801B	4857415001	CLIP FUSE	PFC5000-0702
	Q105	T2SC5343Y-	TR	2SC5343Y
	Q401	TKTC3207--	TR	KTC3207
	Q501	T2SC5343Y-	TR	2SC5343Y
	Q502	T2SC5343Y-	TR	2SC5343Y
	Q503	TSTA933Y--	TR	STA933-Y
	Q505	TSTA933Y--	TR	STA933-Y
	Q506	T2SC5343Y-	TR	2SC5343Y
	Q601	T2SC5343Y-	TR	2SC5343Y
	Q620	TSTA933Y--	TR	STA933-Y
	Q701	TSTA933Y--	TR	STA933-Y
	Q702	T2SC5343Y-	TR	2SC5343Y
	Q703	T2SC5343Y-	TR	2SC5343Y
	Q704	T2SC5343Y-	TR	2SC5343Y
	Q705	T2SC5343Y-	TR	2SC5343Y
	Q710	T2SC5343Y-	TR	2SC5343Y
	Q802	TKSA1013Y-	TR	KSA1013Y
⚠	R302	RN02B229JS	R METAL FILM	2W 2.2 OHM J SMALL
	R303	RN02B271JS	R METAL FILM	2W 270 OHM J SMALL
	R307	RN02B181JS	R METAL FILM	2W 180 OHM J SMALL
	R308	RN02B181JS	R METAL FILM	2W 180 OHM J SMALL
	R309	RN02B181JS	R METAL FILM	2W 180 OHM J SMALL
	R310	RN02B181JS	R METAL FILM	2W 180 OHM J SMALL
	R410	RN02B132JS	R METAL FILM	2W 1.3K OHM J SMALL
	R503	RN01B300JS	R METAL FILM	1W 30 OHM J SMALL
⚠	R850	RN02B180JS	R METAL FILM	2W 18 OHM J SMALL
	R901	RN01B124JS	R METAL FILM	1W 120K OHM J SMALL
	R902	RN01B124JS	R METAL FILM	1W 120K OHM J SMALL
	R903	RN01B124JS	R METAL FILM	1W 120K OHM J SMALL
	SW701	5S50101090	SW TACT	SKHV17910A
	SW702	5S50101090	SW TACT	SKHV17910A
	SW703	5S50101090	SW TACT	SKHV17910A
	SW704	5S50101090	SW TACT	SKHV17910A
	SW705	5S50101090	SW TACT	SKHV17910A
	X501	5XEX4R433B	CRYSTAL QUARTZ	HC-49U 4.43361M 15PPM TP
	X502	5XEX3R579B	CRYSTAL QUARTZ	HC-49U 3.57954M 15PPM TP
	X701	5XEX4R000C	CRYSTAL QUARTZ	HC-49U 4.0000MHZ 20PPM TA
	D101	D1N4148---	DIODE	1N4148 (TAPPING)
	D103	D1SS85TA--	DIODE	1SS85TA
	D105	DUZ33B----	DIODE ZENER	UZ-33B
	D106	D1N4148---	DIODE	1N4148 (TAPPING)
	D107	DTZX5V1B--	DIODE ZENER	TZX5V1B (TAPPING)
	D301	NBYD33GT--	DIODE	BYD33G-T
	D302	DBZX55C62-	DIODE ZENER	BZX55C62
	D303	NBYD33GT--	DIODE	BYD33G-T
	D304	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING
	D402	NBYD33GT--	DIODE	BYD33G-T
	D403	NBYD33GT--	DIODE	BYD33G-T
	D410	DTZX5V1B--	DIODE ZENER	TZX5V1B (TAPPING)
	D450	D1N4148---	DIODE	1N4148 (TAPPING)
	D452	D1N4148---	DIODE	1N4148 (TAPPING)
	D501	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D502	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D503	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D504	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D505	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)

⚠	Symbol No.	Part No.	Part Name	Description
	D506	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D507	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D508	D1N4148---	DIODE	1N4148 (TAPPING)
	D509	D1N4148---	DIODE	1N4148 (TAPPING)
	D510	DTZX5V1B--	DIODE ZENER	TZX5V1B (TAPPING)
	D512	D1N4148---	DIODE	1N4148 (TAPPING)
	D513	D1N4148---	DIODE	1N4148 (TAPPING)
	D514	D1N4148---	DIODE	1N4148 (TAPPING)
	D602	DTZX5V6B--	DIODE ZENER	TZX5V6B (TAPPING)
	D610	D1N4148---	DIODE	1N4148 (TAPPING)
	D620	D1N4148---	DIODE	1N4148 (TAPPING)
	D701	DTZX3V9B--	DIODE ZENER	TZX3V9B
	D704	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING
	D720	D1N4148---	DIODE	1N4148 (TAPPING)
	D808	DBYW34----	DIODE	BYW34 (TAPPING)
	D810	DBYW34----	DIODE	BYW34 (TAPPING)
	D812	DBYW34----	DIODE	BYW34 (TAPPING)
	D816	DTZX3V9B--	DIODE ZENER	TZX3V9B
	D820	D1N4148---	DIODE	1N4148 (TAPPING)
	D835	DR2M------	DIODE ZENER	R2M
	D837	DLT2A05G--	DIODE	LT2A05G
	D838	DLT2A05G--	DIODE	LT2A05G
	D839	DLT2A05G--	DIODE	LT2A05G
	D840	DLT2A05G--	DIODE	LT2A05G
	J046	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	L301	5CPZ100K04	COIL PEAKING	10UH 10.5MM K (LAL04TB)
	L511	5CPZ100K02	COIL PEAKING	10UH 3.5MM K(LAL02TB)
	L601	5CPZ109M02	COIL PEAKING	1UH 3.5MM M(LAL02TB)
	L602	5CPZ109M02	COIL PEAKING	1UH 3.5MM M(LAL02TB)
	L603	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING
	L604	5CPZ109M02	COIL PEAKING	1UH 3.5MM M(LAL02TB)
	L606	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING
	L701	5CPZ100K02	COIL PEAKING	10UH 3.5MM K(LAL02TB)
	L702	5CPZ569K02	COIL PEAKING	5.6UH 3.5MM K (LAL02TB)
	L802	5MC0000100	COIL BEAD	MD-5 (HC-3550)
	L803	5MC0000100	COIL BEAD	MD-5 (HC-3550)
	L806	5CPZ390K04	COIL PEAKING	39UH 10.5MM K (LAL04TB)
	R101	RD-4Z242J-	R CARBON FILM	1/4 2.4K OHM J
	R109	RD-4Z183J-	R CARBON FILM	1/4 18K OHM J
	R110	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J
	R111	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R120	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R301	RD-2Z249J-	R CARBON FILM	1/2 2.4 OHM J
	R406	RD-2Z472J-	R CARBON FILM	1/2 4.7K OHM J
	R407	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J
	R408	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J
	R409	RD-4Z561J-	R CARBON FILM	1/4 560 OHM J
	R501	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R502	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R512	RD-4Z750J-	R CARBON FILM	1/4 75 OHM J
	R521	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R525	RD-4Z104J-	R CARBON FILM	1/4 100K OHM J
	R526	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J
	R532	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R601	RD-2Z102J-	R CARBON FILM	1/2 1K OHM J
	R602	RD-4Z471J-	R CARBON FILM	1/4 470 OHM J
	R611	RD-4Z362J-	R CARBON FILM	1/4 3.6K OHM J
	R715	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J
	R723	RD-4Z332J-	R CARBON FILM	1/4 3.3K OHM J
	R735	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J
	R736	RD-4Z224J-	R CARBON FILM	1/4 220K OHM J
	R753	RD-4Z473J-	R CARBON FILM	1/4 47K OHM J
	R803	RD-4Z514J-	R CARBON FILM	1/4 510K OHM J
	R804	RD-4Z514J-	R CARBON FILM	1/4 510K OHM J
	R805	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING
	R806	RD-4Z363J-	R CARBON FILM	1/4 36K OHM J
	R809	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J
	R810	RD-4Z333J-	R CARBON FILM	1/4 33K OHM J
⚠	R812	RC-2Z825KP	R CARBON COMP	1/2 8.2M OHM K
	R823	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R824	RD-4Z101J-	R CARBON FILM	1/4 100 OHM J
	R834	RD-4Z392J-	R CARBON FILM	1/4 3.9K OHM J
⚠	R890	RC-2Z335KP	R CARBON COMP	1/2 3.3M OHM K
	R910	RC-2Z152K-	R CARBON COMP	1/2 1.5K OHM K
	R911	RC-2Z152K-	R CARBON COMP	1/2 1.5K OHM K
	R912	RC-2Z152K-	R CARBON COMP	1/2 1.5K OHM K

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JVC
VICTOR COMPANY OF JAPAN, LIMITED
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